

## NEWS SUMMARY

### BUSINESS

**sterling closes at best level for 7 weeks**

African Government, the issue which gave month's demonstration towns, where people died, yesterday the compulsory Afrikaans in black

Botha, Minister of Education, announced that the teaching of Afrikaans in schools could be stopped in either Afrikaans or English.

**IRA raises spending**

IRA has announced a 40 per cent increase in its defence expenditure, with a further 25 per cent increase in its operational expenditure.

**ed after sy demo**

Students who included three, four and a 14-year-old boy and who had been protesting in London since Monday's protest in London, were taken to a police station in London.

**in skyjack**

Libyan, carrying two and two knives to Palma, Majorca, skyjacking a Libyans Boeing 727 on a flight from London to Rome.

**crets**

Secrets Act, which would allow the Government to withhold information from the public, is being considered by the House of Commons.

**caught**

Police officer Arthur was arrested on the fringe of the forest, Isle of Wight, after a search of the forest.

**er denial**

son, 39, charged with three sub-machine guns, was known as the Black Panther Party.

**seven men and five**

have been asked to private cars at Heathrow airport, where they were to be taken to a hotel.

**launched a Solaris**

with a two-man crew, the Solaris was launched from the British Antarctic Survey.

**arch Campaign has**

search scholarship in Prof. Gordon Hamilton, who was killed by a bomb in London last year.

**for Peter Lorimer**

profits were up 42 per cent, at £2.5m, in the year to March 31, 1976, according to the company's annual report.

## RICE CHANGES YESTERDAY

RISER	1976-77	1975-76
Basmati	106	106
Non-Basmati	73	73
Prop.	120	120
and G.I.	120	120
Basmati	120	120
Non-Basmati	120	120
Prop.	120	120
and G.I.	120	120
Basmati	120	120
Non-Basmati	120	120
Prop.	120	120
and G.I.	120	120

## SIGNS THAT ECONOMY IS ON THE UPTURN

# Healey now expects 5% growth

BY RICHARD EVANS AND PETER RIDDELL

OFFICIAL FORECASTS of the rate of economic growth have now been revised upwards. Mr. Denis Healey, Chancellor of the Exchequer, told the Commons yesterday.

Speaking at the start of a two-day debate on the pay and prices policy, Mr. Healey said the increase in the domestic product in the year to the middle of 1977 is likely to be 5 per cent, as opposed to the 4 per cent expected in the April Budget. The rise in industrial output should be 3 per cent, against an 8 per cent increase projected earlier.

Earlier in the day, the Treasury's proposals for substantial cuts in public spending in the next financial year were discussed by the Cabinet for three hours but final decisions will not be taken before the end of the month.

The Prime Minister still intends to make a statement on further cuts of about £1bn. for 1977-78 before Parliament rises for the summer recess. But timing will depend on progress made at series of further Cabinet meetings, planned over the next three weeks.

## Deposits

In the Commons, the Chancellor also indicated the possible use of special deposits from the banks as a means of restricting the growth of money supply if necessary.

Mr. Healey referred to his determination both to prevent the appearance of excess liquidity in the system by whatever means necessary, and to ensure a large part of public borrowing outside the banking system. He gave the example of the sale of a new £100 million stock last month, and said that "on other occasions, measures such as

call for special deposits might be more appropriate."

The upgrading of the growth forecast for the next 12 months follows the completion within the last few days of the normal summer revision of the National Income Forecast.

Mr. Healey made it clear yesterday that this reflected faster growth in industrial production and exports than expected while unemployment should also be lower than predicted. He claimed that the rate of economic growth was consistent with getting unemployment down to 3 per cent. in 1979.

The forecast of faster growth is likely to be used by Mr. Healey in support of arguments for a cut in public spending in 1977-78. He emphasised again yesterday that the expansion of productive resources should not be held back by competing public sector demands for finance.

Mr. Healey also indicated that the public sector borrowing requirement for 1978-79 should be somewhat less than the £12bn forecast at the time of the Budget because of the rate of economic recovery. But there is still considerable official reluctance to quantify the extent of the change forecast for any new projections for 1977-78.

Although the emphasis in the public discussion and presentation of the spending cuts is on the need to shift domestic resources, the authorities clearly also recognise the need for overseas—for example by the IMF—about the need for significant reduction in the PSBR in 1977-78.

Ahead of his expected statement on the "cuts" later this month, senior Ministers, particularly Mr. Callaghan and Mr. Healey, have already launched a campaign to soften any criticism from Labour backbenchers to what are likely to be highly unpopular cuts in cherished programmes.

There will be at least two meetings of the Parliamentary Labour Party to listen to backbench views, one before the Cabinet takes its final decision on the size and scope of the cuts, and the second on the day they are announced in the Commons.

In addition, Mr. Healey has already sought a meeting next Monday with the 80-strong Tribune Group of Left-wingers who have declared themselves opposed to any further cuts in public spending.

It will be vital for Ministers to head off a potential revolt by Tribune MPs, 37 of whom helped to defeat the Government in March by abstaining on a vote on the public expenditure programme.

It appears certain that one of the Government's main tactics will be to argue that cuts in public spending are necessary to direct more funds to industry in order to create jobs and to improve the balance of payments.

Mr. Callaghan is likely to continue on Back Page



MR. HEALEY: possible use of special deposits.

Parliament Page 12  
Editorial Comment Page 18  
Forces resist cuts Page 8

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# Ogilvy to resign all his directorships after Lonrho report

BY MARGARET REID

Mr. Angus Ogilvy, husband of Princess Alexandra, yesterday said he would resign all his company directorships after being severely criticised in the Department of Trade Inspectors' report on Lonrho, of which he was a director until 1973.

The report on the company, the mining and industrial group with African interests which was the subject in 1973 of Mr. Edward Heath's remark about the "unacceptable face of capitalism," also severely criticised Mr. R. W. "Tiny" Rowland, the chief executive, and Mr. Alan Ball, the former chairman.

Criticisms are also levelled at other directors, including the present chairman, Lord Duncan-Sandys, in the 600-page report by Mr. Allan Hayman, QC, and accountant Sir William Slimmings.

Much of the criticism centres on the interest which Mr. Ogilvy and Mr. Ball shared with Mr. Rowland in the Nyaschere mine in Rhodesia and arrangements for financing it. The report contains references to U.K. sanctions legislation.

The arrangements made to pay the controversial proposed compensation of £150,000 to Lord Duncan-Sandys when he became chairman, and a more recent £307,000 expenses claim of Mr. Rowland also attract the inspectors' attack.

Mr. Ogilvy is on the Boards of the companies on which I serve. In order to avoid embarrassing them I am, therefore, proposing to resign—because under the circumstances I feel that this is the only honourable thing to do."

Mr. Ogilvy is the husband of Princess Alexandra, and the father of Prince Alexander of Kent. He is also the father of Prince Alexander of Kent.

The report says that Mr. Ogilvy's family trust obtained its interest in Nyaschere in July, 1970; later the inspectors say that Mr. Ogilvy has consistently maintained that he was unaware in 1970 that he had acquired an interest in Nyaschere's Shamrock copper mine.

The report says, however, that the inspectors do not accept Mr. Ogilvy's evidence in this matter. Referring to the terms on which Lonrho group funds were made available to Nyaschere it says these funds were "unduly favourable to Nyaschere and in consequence to Mr. Rowland and the family trust" of Mr. Ball and Mr. Ogilvy.

"We believe that Mr. Rowland acted improperly as joint managing director in lending his authority and approval to these transactions from which he derived personal benefit without reference to the Lonrho Board or shareholders and in our view his conduct merits severe criticism."

The report also criticises the £307,000 expenses claim of Mr. Rowland approved by the Lonrho Board after controversy concerning Mr. Rowland's overdrawn personal account with the company. "In our view this claim which totalled £307,471 was prepared on a basis inconsistent with the facts."

The inspectors say that Lord Duncan-Sandys and director Mr. B. J. West did not discharge their duties in connection with Mr. Rowland's expense claim and that both attempted to shift responsibility on to others. Lord Duncan-Sandys is also criticised.

Continued on Back Page

Continued on Back Page

Continued on Back Page

Continued on Back Page

Continued on Back Page

Continued on Back Page

Continued on Back Page

Continued on Back Page

Continued on Back Page

Continued on Back Page

Continued on Back Page

Continued on Back Page

Continued on Back Page

Continued on Back Page

Continued on Back Page

Continued on Back Page

Continued on Back Page

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# Cold reduced steel runs short as demand rises

BY JUDY HODSON

THE BRITISH Steel Corporation is facing a cold steel shortage as demand for the most expensive products of the steel industry rises. It has become an essential material for pressing motor car body panels, household equipment cabinets and many other consumer goods.

Steel stockholders report that the BSC cannot provide anything near its current requirements for cold reduced steel. "Our allocations are shocking," said a senior figure in the industry. Both the stockholders and individual industrial customers for cold reduced steel are concerned that there is no prospect of the shortage ending soon.

Supply forecasts discussed between the BSC and industry indicate that the shortage of cold reduced steel will persist beyond the summer and probably until the end of 1976. "We understand it is likely to be as bad between October and December," a company said last night.

Foreign sources

In recent weeks manufacturing industry and steel stockholders have had to get 40 per cent of this sophisticated type of steel from foreign sources to meet production needs.

Restocking

Since that dispute was settled, output has continued to be disappointing because of technical problems with the pickling line—an essential part of the sheet steel treatment process.

The Shotton steelworks, which is an alternative BSC source of cold reduced steel, has quality rolled steel, it would mean a diversion of steel from the cold to be due to the age of the plant.

Large rise in bank lending

BY MICHAEL BLANDEN

AFTER a further large rise in bank lending there are signs of a genuine recovery in demand for finance for new industrial stockbuilding and investment.

In the last month, to mid-June, the underlying level of lending in sterling to the U.K. private sector by the London clearing banks may have risen by as much as £300m.

This follows two months in which loans are thought to have increased by about £400m. overall. A substantial part of the rise was probably due to special factors, including finance required for change in "leads and lags" over the exchange market.

Nevertheless, Banking Information Service, which speaks for all the London clearing banks, takes a tentatively optimistic view. It comments: "There now seems to be some signs that the reported improvement in confidence among industrial and commercial enterprises is beginning to show in an increase in their loan requirements."

Bankers remain very hesitant about placing too much significance on recent trends. Some leading banks report that they have no clear evidence of any

increase in requests for loans cannot be identified. But it was from industrial and commercial customers for new investment.

Others say that they have seen some signs of higher loan increases. Higher deposit rates demand, possibly associated with re-stocking as the economy improves.

Differentials

The recorded increase in sterling loans by the London clearing banks to the U.K. private sector was £131m. over the four-week period to June 16. However, this came at a time when the seasonal influences would normally have been downwards, so that the underlying rise is thought to have been substantially greater.

The figures for individual banks also highlight the impact of interest rate differentials. In a period when National Westminster Bank's rates were 3 per cent higher than at the other big banks, for nearly three weeks, after base and deposit rates were increased on May 25, NatWest was using an 11 per cent base rate against only 10 per cent at the other banks.

The bank stresses that the exact impact of the differential

cannot be identified. But it was clearly a significant factor in NatWest's £14m. fall in advances while the other banks all showed increases. Higher deposit rates may also have contributed to NatWest's £160m. rise in deposits, the biggest increase among the banks.

Interpretation of the overall lending figures in recent months has been complicated by the effect of the fall in sterling. Extra finance was needed by companies which were trying to protect themselves by putting off foreign currency receipts and advancing payments.

This element may have continued to the early part of last month. By now, there have been some reversal of this movement as sterling has recovered following announcement of the £5.3bn. standby credit.

Last month's figures were also inflated by companies switching their borrowing back to the big banks after an earlier move to cheaper money market sources before the general rise in the level of interest rates. The banks are, therefore, looking to this month's figures to clarify the basic trend in lending.

Tables Page 25

FEATURES	ON OTHER PAGES
Drug makers fear government intervention	25
Why old claret will need new bottles	18
The regeneration of Ferranti	17
Soviet-Romanian relations	6
Quarrels at the OAU	7
FT SURVEYS	
Royal Insurance HQ	27-29
Vans and light trucks	13-16

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# if a Scotsman swallows his pride...

it's BELL'S

ARTHUR BELL & SONS LTD., Estd. 1825—One of the few INDEPENDENT Companies left in the Scotch Whisky Industry



# Neglecting the home side

BY C. GORDON TETHER

THE CALL which Mr. James Callaghan, the Prime Minister, made to the business community last week to attach a higher priority to investment in Britain had a very familiar ring about it, did it not?

Year after year, we have seen similar appeals going out from Whitehall—usually accompanied by sombre warnings about the sad state that would overtake the people of this country if they were not heeded. Yet British companies have devoted less and less to investment on the home front, while displaying an ever-increasing enthusiasm for building up their empires abroad. So, it is not high time that the Government ceased to limit itself to wishful thinking and made an effort to discover where the trouble really lies as a prelude to taking meaningful remedial action?

This is obviously the common-sense reaction. And it so happens that it is given chapter and verse in an endorsement of the recently published EAG Business Research Study report by Mr. Tom Huston and Professor John Dunning on "U.K. Industry Barred." Urging the Government to make a detailed investigation into the effects that the activities of British of foreign multinational companies are having on the economy, this asserts that existing British policy towards overseas investments "derives from no general principle and has been largely ineffective."

## Lop-sided

It would be difficult to conceive of a more damning indictment. Yet it is all too true. Earlier in the post-war period, the overseas investment figures and their significance for the country's overall payments experience regularly received public attention. And the Government of the day found it necessary to explain what was going on and to adjust official policy from time to time in the light of changing circumstances. But for some time past it has been the official practice to behave as though what was going on in this part of the field was not important enough to warrant more than passing notice and that in any case the situation was such that there was little hope for changing course.

The result is that there is very little awareness in the country at large of how important a part net capital outflows arising from investment activity are playing in adding to our external payments troubles. And there is equally little awareness

of the effect that the development of this lop-sided traffic is having on the levels of industrial investment—and thence of employment—in this country.

It will be recalled that one of the main arguments that the Heath Government adduced for taking Britain into the EEC market of 250m. was that this would spark off long sought after resurgence of industrial investment in Britain.

What the EAG report confirms is that British firms are going into production in other parts of the EEC in ways that are directly competitive with production in the U.K. Moreover, while British firms are increasingly supplying Continental markets from local facilities, Continental firms choose to service the U.K. market by exports rather than by production here.

Since—as an international study has now confirmed—the inducements to investment in Britain provided by the State are as good as to be found anywhere in the industrialised world, this situation takes a lot of explaining.

For one thing, far more attention ought to have been paid long since to a structural defect in the U.K. financial system which has often been mentioned in this column over the years and which Sir Frederick Caterwood, chairman of the British Institute of Management, featured as a major cause of the British sickness in an article he contributed to a recent issue of "Vision," the European business magazine. This is the City's "international orientation."

As Sir Frederick observes, just because it is so international, it serves local industry less well than do capital markets in other European Community and Japan. Moreover, over the past few years it has allowed its fears for the health of British industry "to cause it to look further afield rather than to bring it running to do what it could to help."

The EAG report comes out against using controls to ensure that the British business system devotes an appropriate large part of its available financial resources to investment at home rather than abroad. However, it has to be asked whether, at a time when so much investment is being financed from ploughed back profits, the community at large does not have the right to demand that its interests are safeguarded in this way.

## RACING

# Little opposition to Pougatchof

I CANNOT remember the last time a French-trained two-year-old came over for Newmarket's July Stakes and it will be interesting to see how the Richard de Targu-trained Pougatchof fares in today's running of this valuable and coveted six-furlong event.

This American-bred colt by impressive out of Igraine, an un-raced half-sister to top class sprinter Reality, has made one public appearance. Just over three weeks ago at Maisons-sous-Montfort he defeated the well thought of Barton by three lengths.

Like many of the horses in the ownership of Mr. and Mrs. Malcolm Harris, Pougatchof is to be ridden by Lester Pigott—who, presumably, suggested the raid—and seems sure to make a bold bid.

With apparently sub-standard home-trained opposition to contend with, the cheaply-bought Pougatchof (an \$11,000 purchase) is suggested as the probable answer.

I expect to see him followed home by the under-rated King Elect, who might have retained his unbeaten record three weeks ago.

also had Pigott held him up for a late burst in Ascot's Fenwick Stakes.

Many backers will pin their hopes on Free State, a heavily-backed ante-post favourite for the William Hill Silver Vase.

**NEWMARKET**  
2.00—Stator  
2.30—So Sharp  
3.00—Pougatchof  
3.30—Free State  
4.05—Oriental Star  
4.40—Brian Dutch  
5.10—Ragolina

**CATERICK**  
2.45—Hand Canter  
3.15—Snow Forever  
4.45—Make a Signal  
**DONCASTER**  
6.45—Death Wood  
7.15—Fanny Princess  
7.45—Tat-Tri Girl

The Peter Walwyn-trained Hot foot, who is held in such high regard by his partner, champion jockey Pat Eddery, has run well on all his five previous appearances.

Last time out he showed himself to be only just short of top class when leading narrowly to give a fair amount of weight to

## BY DOMINIC WIGAN

# Irwin's long irons ma rule the week

With five smart handicappers, including International and Hayloft, withdrawn from the Dukes of Montrose Handicap at the final declaration stage, the way has been made considerably easier for that game Falcon filly, Oriental Star.

I cannot see one likely to lower the colours of Michael Stoute's strong three-year-old, who won from Rerice at Leicester in June after being disqualified for causing interference at Doncaster in the previous month.

A second likely winner for Stoute is the progressive Ribblesdale colt, Beau Durr, who showed that he was returning to his best for mwhen finishing fourth to Shamamuzo in the King George V Stakes at the Royal meeting.

He is suggested with confidence for the Clare Handicap (440), which he has won twice before, but only two other runners, Tutu and Silversmith.

## GOLF

# Irwin's long irons ma rule the week

TO SAY that a British victory in the 195th Open championship at Royal Birkdale over the next four days is as likely as the main wear manufacturers exhibiting their wares in the magnificent exhibition tent making record profit, is more than a little un-precious. But it is true.

Everyone is talking about the "British revival." But the moments of truth will come on Saturday. The likely winner is obviously going to be a golfer who has completed all year—and probably for many years—before he has been in a great company. Much as one appreciates the British revival, there is only one golfer from the home country or countries that comes into that category, namely Peter Oosterhuis.

It is one of the tragedies of our time that it is so difficult to read anything coherent about the feats of our sporting heroes abroad. In fact Oosterhuis was dismissed in a couple of paragraphs, baldly stating his 9th place finish in the Western Open at Butler National Golf Club in Chicago two weeks ago.

I happened to be commenting at that event, and have never been more appreciative of the fine line that exists between success and failure. With six holes to play Oosterhuis was out fourth at five over par, the eventual winning score. Alas, he dropped strokes to par at the 14th and 17th holes and another two at the 18th, which he rightly regards as the most difficult finishing hole in American tournament golf, to end as a mere also-ran behind his great friend Al Geiberger.

Geiberger is a sorry absentee here, almost certainly because it is insisted that he compete in the white heat of New York next week in the \$300,000 Westchester Classic, a designated tournament for the exalted few. By scheduling such an event immediately behind our Open, U.S. PGA tour commissioner Deane Beman has put more than a little pressure on players like Geiberger, who finished second in the U.S. Open before winning in Chicago. There is only so much that a man can physically sustain in terms of travel.

Oosterhuis is obviously the best—and in my opinion the only—British hope with a realistic chance, well as Tony Jacklin always plays under these circumstances. He has at least one thing to recommend him, namely, that he has been in the Royal Lytham in 1969, when he became the first British player since Max Faulkner won the title in 1951 to accomplish this particular feat.

A factor at Royal Birkdale this week will obviously be the think possesses. My own opinion is that the chances of a British victory are likely to be few between in future. So let us rub in an effort to get to those with it must be borne in mind that the British revival is a far cry from the reality. The second is a Miller (84) is a veteran. He arrived here from the U.S. but he appears motivated and misadventured.

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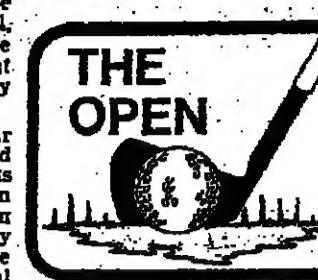
Yesterdays Hal round the course week-by-week to save that 16-1 if only because he recorded his first Open championship victory at Muirfield in 1968, largely by virtue of his brilliant use of the one iron from the tee. Jack Nicklaus must be a worthy favourite in my 9-2.

Nicklaus starts at 12.30 today alongside the five-times champion Australian Peter Thomson, who won his first and last titles here in 1964 and 1969. On the latter occasion Thomson was superb in manipulating the ball with his three-wood.

The veteran Thomson is unlikely to be a factor again, but it is of great satisfaction to him and all his countrymen that there are no fewer than 14 Australians in the championship proper. These, these, former Parth mathematician, teacher, Graham Marsh is obviously the leading contender, especially since Jack Newton, last year's runner-up, reports that his mysterious foot ailment—diagnosed as anything from a torn ligament to a tumor—is giving him more and more trouble. He went to yet another doctor last night, and may not play.

I filmed last week in Ireland with Marsh, Gary Player, U.S. Masters Champion Ray Floyd and Jacklin, and by far the best man on current form of that small group must be Marsh, who is quoted at 25-1 alongside Floyd, defending champion Tom Watson, and the U.S. Open champion Jerry Pate, and Neil Coles, who many for the quality.

There is one of a record set in the history of the game, equalled by Wei 1973. But one There must be regional quality obviate the use for the quality.



## SALE ROOM

# £70,000 for Egyptian statue

THE REVIVAL in demand for Chinese works of art was impressively confirmed at Sotheby's last major sale of the season yesterday, which totalled £639,775. Many of his prices were exceptional.

S. H. Chan, a Hong Kong dealer, paid \$53,000 (plus the 10 per cent, buyer's premium) for a rare early 18th century saucer dish, decorated with brown branches. An anonymous buyer gave \$52,000 for an even rarer 14th century Yuan copper, red and blue glazed bowl. Both prices were well above their estimates.

Other outstanding results were the \$48,000 from Hugh Moss for a ruby ground K'ang Hsi censor, made for the Emperor, and the \$44,000 from Chang again for an enamelled Ming Tzu Tsai wine cup from the first period of enamel wares in the late 15th century. An identical cup sold for \$5,000 at Sotheby's in 1968.

Also worth noting were the \$34,000 for a previously unrecorded green glass lamp of the late 8th century, from Northern China; \$32,000 for a Tang glazed figure of a polo player; and \$31,500 for another Tang figure, of a saddled horse. At Sotheby's sale devoted to Oriental miniatures, manuscripts and Qajar paintings, which



Lady of House Enehey. Sold for £70,000.

totalled £74,210, the Felton Bequest of Melbourne paid \$5,500 for a portrait of a Bahari prince, for nearly 18th century India. A Qajar painting of a girl playing a daddle sold for \$5,000 to an Iranian collector. An Egyptian seated statue from the late 18th to the early 19th dynasty, the kind of object which only rarely appears in the sale room, was sold at Christie's yesterday for £70,000 to the

Japanese dealer, Matsukata (who will have to pay a further £7,000 in premium).

The limestone tomb statue, just over 4 feet high, is of the Lady of House Enehey, and its history is obscure, but it was sold by the Lord's New Church of Pennsylvania which inherited it from the late Reverend Theodore Pitcairn, also a noted collector of Impressionist paintings.

Christie's had perhaps hoped for more from the statue, but this is a very specialised market, the antiquities sale totalled £153,653.

The Jenkins vase, an urn over five feet high, with the base dating from the time of the Emperor Augustus, was sold to the London dealer Cyril Humphries for £13,000. It depicts the marriage of Helen and Paris. Its name derives from the 18th century antiquarian, Thomas Jenkins.

Matsukata paid \$5,500 for an Umbrian votive figure of a warrior, dated 450 B.C. An Attic amphora of around 450 B.C., depicting the marriage of Helen and Paris, was sold for £4,500. The Fitzwilliam Museum, Cambridge, gave £530 for another Attic vase and the University of Queensland £450 for an Etruscan bronze mirror plate.

## TV Radio

† Indicates programme in black and white.

### BBC 1

7.05 a.m. Open University (UHF only). 10.45 Golf: The Open Championship. 1.15 p.m. News. 1.30 Soth's Present. 1.45 Golf: The Open. 4.23 Regional News (except London). 4.35 Play School. 4.50 Speed Buggy. 5.15 The Changes. 5.40 Barbapapa. 5.45 News. 6.00 Nationwide (London only). 6.20 Dr. Who. 6.45 Montreal—A Royal Pursuit: candid, informal look at Princess Anne and Captain Mark Phillips. 7.30 The Great American Pic-

ture Show: "The Adventure of Robin Hood," starring Errol Flynn.

### BBC 2

9.00 News. 10.15 André Previn's Music Night. 11.10 To-night including "The United States Welcome to the Queen." 12.00 Weather/Regional News. All regions as BBC 1 except at the following times: Wales—4.50-5.15 p.m. Y Tir Newydd—America. 5.15 Heddiw. 6.00-6.30 Wales To-day. 7.20 Go With Noakes. 7.45 The Osmonds. 8.30-9.00 The International Eldest. 12.00 News and Weather for Wales.

Scotland—9.25 a.m. Dastardly and Muttley (cartoon). 9.45 Jackanory. 10.00 Devlin. 10.25 Roobarb. 10.30-10.53 Country Search. 6.00-6.30 p.m. Reporting Scotland. 12.00 News Summary and Weather for Scotland. 4.30-4.45 p.m. Northern Ireland News. 6.00-6.20 Northern Ireland News. 6.40-6.20 News Around Six. 12.00 News Summary and Weather for Northern Ireland.

### BBC 2

England—6.00-6.30 p.m. Look North (from Leeds, Manchester, Newcastle). 6.30-6.45 p.m. Look East (from Birmingham). Look East (from Norwich). Points West (from Bristol). South To-day (from Southampton). Spotlight South West (from Plymouth).

Bentley's Pottery Time. 4.50 Hogg's Back. 5.20 The Flintstones. 5.30 News from ITN. 6.00 To-day. 6.35 Crossroads. 7.00 Don't Ask Me. 7.20 Coronation Street. 8.00 Summer Night Out. 9.00 Killers. 10.30 Listen To My Music: "A Tribute To Ted Heath and his Music." 11.25 What The Papers Say. 11.50 Wrestling.

### ANGLIA

10.30 a.m. Halls and Kitchener Cartoon. 12.45 Bert Conner the Future. 12.55 Jane Austen and Her World. 1.30 Learning Something Practical. 1.35 The Count of Monte Cristo. 2.00 Look North. 2.30 The Beachcombers. 3.00 The Anglia. 3.30 Wrestling. 12.05 a.m. The Big Question.

11.05 a.m. Jane Austen and Her World. 1.30 Learning Something Practical. 1.35 The Count of Monte Cristo. 2.00 Look North. 2.30 The Beachcombers. 3.00 The Anglia. 3.30 Wrestling. 12.05 a.m. The Big Question.

### ATV MIDLANDS

11.05 a.m. Jane Austen and Her World. 1.30 Learning Something Practical. 1.35 The Count of Monte Cristo. 2.00 Look North. 2.30 The Beachcombers. 3.00 The Anglia. 3.30 Wrestling. 12.05 a.m. The Big Question.

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### SCOTTISH

11.05 a.m. Jane Austen and Her World. 1.30 Learning Something Practical. 1.35 The Count of Monte Cristo. 2.00 Look North. 2.30 The Beachcombers. 3.00 The Anglia. 3.30 Wrestling. 12.05 a.m. The Big Question.

11.05 a.m. Jane Austen and Her World. 1.30 Learning Something Practical. 1.35 The Count of Monte Cristo. 2.00 Look North. 2.30 The Beachcombers. 3.00 The Anglia. 3.30 Wrestling. 12.05 a.m. The Big Question.

### SOUTHERN

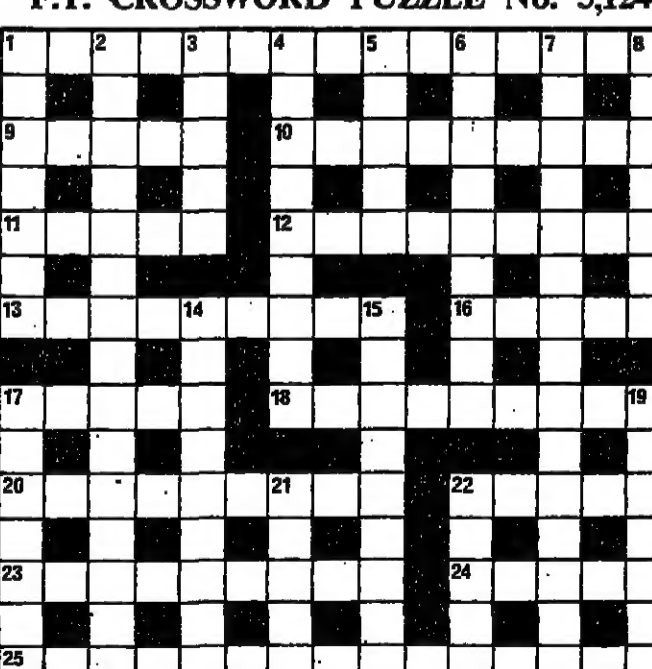
11.05 a.m. Jane Austen and Her World. 1.30 Learning Something Practical. 1.35 The Count of Monte Cristo. 2.00 Look North. 2.30 The Beachcombers. 3.00 The Anglia. 3.30 Wrestling. 12.05 a.m. The Big Question.

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### TYNE TEES

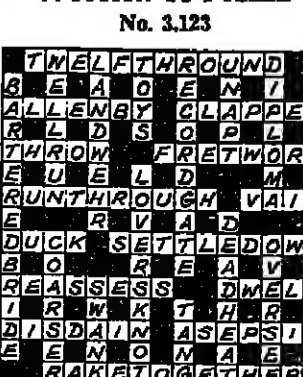
11.05 a.m. Jane Austen and Her World. 1.30 Learning Something Practical. 1.35 The Count of Monte Cristo. 2.00 Look North. 2.30 The Beachcombers. 3.00 The Anglia. 3.30 Wrestling. 12.05 a.m. The Big Question.

## F.T. CROSSWORD PUZZLE No. 3,124



- ACROSS**
- Indulge in youthful excesses—in the field? (3, 4, 4)
  - Paid about a pound for Scottish cloth (6)
  - Perpetually giving eastern bird to friend... (9)
  - ...but different returning to her (5)
  - Grammatically it's perfect (4, 5)
  - Beat the aged at the outset (9)
  - Gambles on defenders (5)
  - Soon to accept power and love (5)
  - One who understands and tends rice mixture (9)
  - Sheer drop when Indian coin is reversed in price... (9)
  - ...and money for orchestral section (5)
  - I'm like Peter Pan, having no statue (9)
  - Be a child on the shore (5)
  - Feels nervous—having made a draught? (4, 3, 6, 2)
- DOWN**
- Drink wine to nourish (7)
  - Force hates water being changed for an elementary prediction (7, 8)
  - Free one coming up in the lowest point (5)
  - She goes to record embrace requiring pen (9)
  - Thoughts from inside Asia (5)
  - Study circle on board, it may be indicated (9)
  - A tough proposition, as much as one person can control (3, 3, 6)
  - Threw to point in timidity (7)
  - Send round noon time in emotion (9)
  - Medicine man 'living out quantities of alcohol? (9)
  - Silly fellow goes to fish for a time (7)
  - Fruit got up on joint (4-3)
  - Rice goddess to be found in wet netting (5)
  - Stomach a big book (5)

## SOLUTION TO PUZZLE No. 3,123



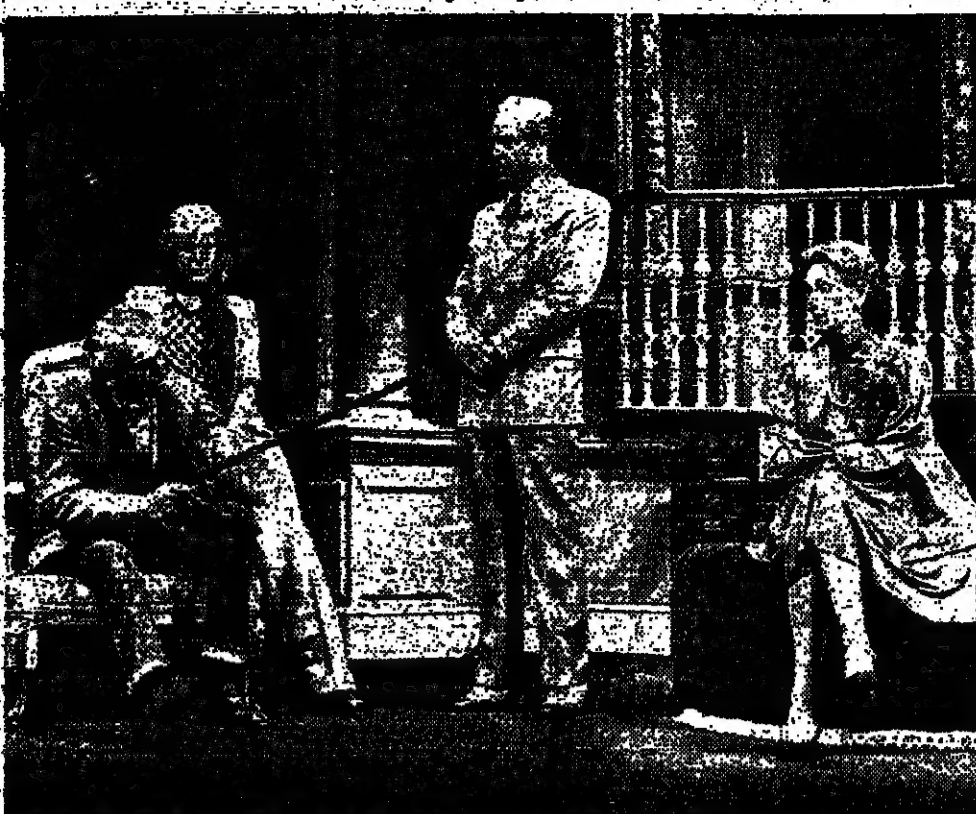
## RADIO 1

247m  
1.00 a.m. Stereophonic broadcast. 6.00 a.m. As Radio 2. 7.30 Neil Edmunds. 9.00 Tony Blackburn. 10.00 Paul Burnett. 10.30 News. 11.00 Beat. 11.30 David Hamilton. 11.45 a.m. VHF. 4.30 p.m. D.T. 5.45 News. 6.00 a.m. As Radio 2. 7.30 Neil Edmunds. 9.00 Tony Blackburn. 10.00 Paul Burnett. 10.30 News. 11.00 Beat. 11.30 David Hamilton. 11.45 a.m. VHF. 4.30 p.m. D.T. 5.45 News. 6.00 a.m. As Radio 2.

## RADIO 2

1,500m and VHF  
6.00 a.m. News Summary. 6.20 a.m. Durbin. 6.30 News. 6.45 a.m. News. 7.00 a.m. News. 7.15 a.m. News. 7.30 a.m. News. 7.45 a.m. News. 8.00 a.m. News. 8.15 a.m. News. 8.30 a.m. News. 8.45 a.m. News. 9.00 a.m. News. 9.15 a.m. News. 9.30 a.m. News. 9.45 a.m. News. 10.00 a.m. News. 10.15 a.m. News. 10.30 a.m. News. 10.45 a.m. News. 11.00 a.m. News. 11.15 a.m. News. 11.30 a.m. News. 11.45 a.m. News. 12.00 a.m. News. 12.15 a.m. News. 12.30 a.m. News. 12.45 a.m. News. 1.00 a.m. News. 1.15 a.m. News. 1.30 a.m. News. 1.45 a.m. News. 2.00 a.m. News. 2.15 a.m. News. 2.30 a.m. News. 2.45 a.m. News. 3.00 a.m. News. 3.15 a.m. News. 3.30 a.m. News. 3.45 a.m. News. 4.00 a.m. News. 4.15 a.m. News. 4.30 a.m. News. 4.45 a.m. News. 5.00 a.m. News. 5.15 a.m. News. 5.30 a.m. News. 5.45 a.m. News. 6.00 a.m. News. 6.15 a.m. News. 6.30 a.m. News. 6.45 a.m. News. 7.00 a.m. News. 7.15 a.m. News. 7.30 a.m. News. 7.45 a.m. News. 8.00 a.m. News. 8.15 a.m. News. 8.30 a.m. News. 8.45 a.m. News. 9.00 a.m. News. 9.15 a.m. News. 9.30 a.m. News. 9.45 a.m. News. 10.00 a.m. News. 10.15 a.m. News. 10.30 a.m. News. 10.45 a.m. News. 11.00 a.m. News. 11.15 a.m. News. 11.30 a.m. News. 11.45 a.m. News. 12.00 a.m. News. 12.15 a.m. News. 12.30 a.m. News. 12.45 a.m. News. 1.00 a.m. News. 1.15 a.m. News. 1.30 a.m. News. 1.45 a.m. News. 2.00 a.m. News. 2.15 a.m. News. 2.30 a.m. News. 2.45 a.m. News. 3.00 a.m. News. 3.15 a.m. News. 3.30 a.m. News. 3.45 a.m. News. 4.00 a.m. News. 4.15 a.m. News. 4.30 a.m. News. 4.45 a.m. News. 5.00 a.m. News. 5.15 a.m. News. 5.30 a.m. News. 5.45 a.m. News. 6.00 a.m. News. 6.15 a.m. News. 6.30 a.m. News. 6.45 a.m. News. 7.00 a.m. News. 7.15 a.m. News. 7.30 a.m. News. 7.45 a.m. News. 8.00 a.m. News. 8.15 a.m. News. 8.30 a.m. News. 8.45 a.m. News. 9.00 a.m. News. 9.15 a.m. News. 9.30 a.m. News. 9.45 a.m. News. 10.00 a.m. News. 10.15 a.m. News. 10.30 a.m. News. 10.45 a.m. News. 11.00 a.m. News. 11.15 a.m. News. 11.30 a.m. News. 11.45 a.m. News. 12.00 a.m. News. 12.15 a.m. News. 12.30 a.m. News. 12.45 a.m. News. 1.00 a.m. News. 1.15 a.m. News. 1.30 a.m. News. 1.45 a.m. News. 2.00 a.m. News. 2.15 a.m. News. 2.30 a.m. News. 2.45 a.m. News. 3.00 a.m. News. 3.15 a.m. News. 3.30 a.m. News. 3.45 a.m. News. 4.00 a.m. News. 4.15 a.m. News. 4.30 a.m. News. 4.45 a.m. News. 5.00 a.m. News. 5.15 a.m. News. 5.30 a.m. News. 5.45 a.m. News. 6.00 a.m. News. 6.15 a.m. News. 6.30 a.m. News. 6.45 a.m. News. 7.00 a.m. News. 7.15 a.m. News. 7.30 a.m. News. 7.45 a.m. News. 8.00 a.m. News. 8.15 a.m. News. 8.30 a.m. News. 8.45 a.m. News. 9.00 a.m. News. 9.15 a.m. News. 9.30 a.m. News. 9.45 a.m. News. 10.00 a.m. News. 10.15 a.m. News. 10.30 a.m. News. 10.45 a.m. News. 11.00 a.m. News. 11.15 a.m. News. 11.30 a.m. News. 11.45 a.m. News. 12.00 a.m. News. 12.15 a.m. News. 12.30 a.m. News. 12.45 a.m. News. 1.00 a.m. News. 1.15 a.m. News. 1.30 a.m. News. 1.45 a.m. News. 2.00 a.m. News. 2.15 a.m. News. 2.30 a.m. News. 2.45 a.m. News. 3.00 a.m. News. 3.15 a.m. News. 3.30 a.m. News. 3.45 a.m. News. 4.00 a.m. News. 4.15 a.m. News. 4.30 a.m. News. 4.45 a.m. News. 5.00 a.m. News. 5.15 a.m. News. 5.30 a.m. News. 5.45 a.m. News. 6.00 a.m. News. 6.15 a.m. News. 6.30 a.m. News. 6.45 a.m. News. 7.00 a.m. News. 7.15 a.m. News. 7.30 a.m. News. 7.45 a.m. News. 8.00 a.m. News. 8.15 a.m. News. 8.30 a.m. News. 8.45 a.m. News. 9.00 a.m. News. 9.15 a.m. News. 9.30 a.m. News. 9.45 a.m. News. 10.00 a.m. News. 10.15 a.m. News. 10.30 a.m. News. 10.45 a.m. News. 11.00 a.m. News. 11.15 a.m. News. 11.30 a.m. News. 11.45 a.m. News. 12.00 a.m. News. 12.15 a.m. News. 12.30 a.m. News. 12.45 a.m. News. 1.00 a.m. News. 1.15 a.m. News. 1.30 a.m. News. 1.45 a.m. News. 2.00 a.m. News. 2.15 a.m. News. 2.30 a.m. News. 2.45 a.m. News. 3.00 a.m. News. 3.15 a.m. News. 3.30 a.m. News. 3.45 a.m. News. 4.00 a.m. News. 4.15 a.m. News. 4.30 a.m. News. 4.45 a.m. News. 5.00 a.m. News. 5.15 a.m. News. 5.30 a.m. News. 5.45 a.m. News. 6.00 a.m. News. 6.15 a.m. News. 6.30 a.m. News. 6.45 a.m. News. 7.00 a.m. News. 7.15 a.m. News. 7.30 a.m. News. 7.45 a.m. News. 8.00 a.m. News. 8.15 a.m. News. 8.30 a.m. News. 8.45 a.m. News. 9.00 a.m. News. 9.15 a.m. News. 9.30 a.m. News. 9.45 a.m. News. 10.00 a.m. News. 10.15 a.m. News. 10.30 a.m. News. 10.45 a.m. News. 11.00 a.m. News. 11.15 a.m. News. 11.30 a.m. News. 11.45 a.m. News. 12.00 a.m. News. 12.15 a.m. News. 12.30 a.m. News. 12.45 a.m. News. 1.00 a.m. News. 1.15 a.m. News. 1.30 a.m. News. 1.45 a.m. News. 2.00 a.m. News. 2.15 a.m. News. 2.30 a.m. News. 2.45 a.m. News. 3.00 a.m. News. 3.15 a.m. News. 3.30 a.m. News. 3.45 a.m. News. 4.00 a.m. News. 4.15 a.m. News. 4.30 a.m. News. 4.45 a.m. News. 5.00 a.m. News. 5.15 a.m. News. 5.30 a.m. News. 5.45 a.m. News. 6.00 a.m. News. 6.15 a.m. News. 6.30 a.m. News. 6.45 a.m. News. 7.00 a.m. News. 7.15 a.m. News. 7.30 a.m. News. 7.45 a.m. News. 8.00 a.m. News. 8.15 a.m. News. 8.30 a.m. News. 8.45 a.m. News. 9.00 a.m. News. 9.15 a.m. News. 9.30 a.m. News. 9.4





glas Fairbanks Jr., Belinda Carroll, David Langton and Dinah Sheridan in "The Pleasure of His Company," which opens to-night at the Phoenix Theatre

## Iltenham Festival

# Fourth of July concerts

by MAX LOPPERT

start of the Sunday-evening BBC Symphony Orchestra in the Town Hall (most predictable—Charles Fourth of July, the concert at his most exhilarating, enhancing celebration of the year's most important day and unobtainable lean energy. The punchy, performance under Law-Foster made a good start programme of Barber, and Copland, not only successful in all its parts but also in its parts (Brian Rayner Cook) and with the acoustics—but effect in lifting sweat-dampened

notable departure from the Bicentennial orchestral of the last month was the inclusion of a ly uncompromising and by Roger Sessions. This its first British performance. As an admirer of the bonies and string quartets is revered senior American user, I immediately recog- and respected the con- the Schoenbergian line- rial musical argument in a ner at once thorough and

forceful, but I have to say that, except for a few moments of neo-Brahmsian lyricism in its central "Adagio," the music seemed not to exist in the space. This is despite the wonderfully ardent enthusiasm with which the soloists György Pauk and Ralph Kirschbaum threw themselves at their difficult parts. Earlier in the day, the Nash Ensemble had continued this year's Bliss explorations with a chamber concert entitled "The Revolutionary Blues" (1918). This meant, principally, *Madame Joy* (1918) and the one-note *Rowan* (1922), both for soprano and piano. The music was quite over- by Lionel Friend) and both sung with accuracy, verve and charm by Jane Manning.

Though hindsight wisdom is the easiest kind, the comfortable expansiveness of Bliss's later music is not the only factor in a question mark about the use in this context of the word "revolutionary." The works themselves, full of galle spryness warmed by English good humour, still such fun to hear: are hardly covered by an aptly that the listener is one of his most interesting qualities. Musical images abound, in the instru- mental parts and in the vocal line, for natural growth and decay—obvious as such while at the same time persuasive of their utterly fresh originality.

The concert also brought forward two festival commissions,

one by Malcolm Williamson. An affectionate salute to his predecessor as Master of the Queen's Music, this Trio for violin, cello and piano takes its inspiration from a phrase of Bliss's Music for Strings; generally elegiac and pensive in mood, the music works a surprising amount of strength and purpose out of some of the most unattractive chords and textures. There is a deftly bony syncope wait as middle movement, expressly intended to reflect Bliss's similarly un- stuffy composing style. Quite different mood and style was the other first per- formance, written for and dedicated to Miss Manning by her husband, Anthony Payne—*The World's Winter*. Inspired by the fertile contradictions of image and feeling in Tennyson's "Nothing will die," this vividly written small-orchestral song-setting is imbued with that astringent, finely sensitive lyricism that recent works by this composer have persuaded the listener is one of his most interesting qualities. Musical images abound, in the instru- mental parts and in the vocal line, for natural growth and decay—obvious as such while at the same time persuasive of their utterly fresh originality.

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## Television

# Mid-summer mixture

by CHRIS DUNKLEY

Attention all readers locked in windowless air conditioned rooms: it is summer. You can tell by watching on your television sets. The BBC have Test cricket, Wimbledon and—in nine days time—the Olympic Games. Never in the history of television has so much sports coverage been provided for so many viewers by one broadcasting organisation. At least that is the BBC's hope and I have no doubt that it will be fulfilled.

ITV having parleyed and argued with the BBC for years (or in this particular case well over a year at any rate) about alternating or in some other way sharing coverage of the Montreal Olympics, and having had very little joy, have decided to put the best possible face on things by turning necessity into a virtue and have pulled together what they call The ITV Summer Festival. This they have launched with worthy pro- nouncements about offering the public a genuine alternative. They have launched it a couple of weeks ahead of the opening of the BBC's Olympic coverage in the hope (or rather, they would imagine) of hooking us all so firmly on "new" series and serials that we shall be quite unable to tear ourselves away in order to watch *Barney and Kate* and Alan and all the boys and girls going for Gold in Canada.

If not the best quality tele- vision schedule in the world, this effort by ITV is, at least, making an improvement on the usual dreadful mid-summer mixture. Instead of third-rate repeats and third-rate old movies we are being offered second-rate repeats and second-rate new movies, and even—occasionally—genuinely new productions such as *Shadow Line* (which was very good) and *Very Good* (which was very good) mixed with the usual quantities of American imports, some of

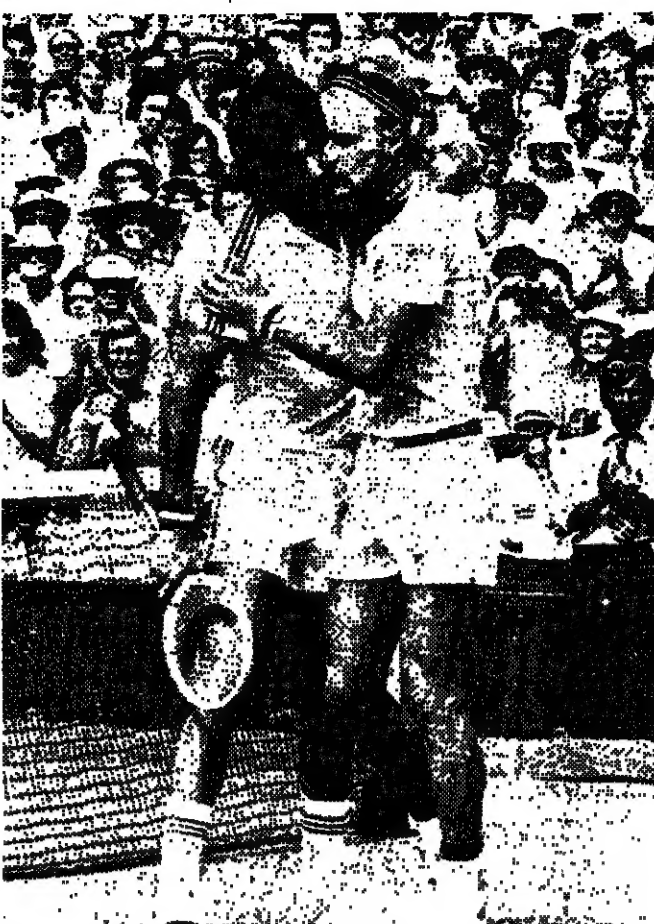
It's A Knockout played by professional test cricketing a full fort- rooms: it is summer. You can tell by watching on your television sets. The BBC have Test cricket, Wimbledon and—in nine days time—the Olympic Games. Never in the history of television has so much sports coverage been provided for so many viewers by one broadcasting organisation. At least that is the BBC's hope and I have no doubt that it will be fulfilled.

Being neither a tennis buff nor even a tennis player (like most viewers, I suspect) I do not know whether this change in Wimbledon is supposed to have for it. I do know that even in the relatively few years that I have watched on television there have been big changes. That it is, unquestionably, in the Miss World category now was proved by the fact that coverage of the tournament was prefaced by a programme presented by David Vine without whom no television coverage is quite complete these days. Of course this programme told us nothing really useful—nothing about how seeding works, what the rules of the tie-break are, what instructions umpires are given about overruling line judges on bad calls, the sort of information that hundreds of thousands of arm- chair fans would dearly welcome in preparation for the only tennis they ever watch, but he was there, chatting inconspicuously in sub-Wickie tones to some of the competitors, and that (in the BBC's view, it seems) was the important thing.

Technically speaking the tournament was as splendidly televised as ever, even if Slim Wilkinson and his team still do not have the wherewithal to cover matches on the outside courts when they turn out to be important. This year they intro- duced a low-level camera behind the base line at end of the Centre Court with which they fed us (if only a morsel at a time) with terrifying shots of fast services. It was reminiscent of the arrows that have been used to point out to us so it seemed in the cinema in the days of those red and green 3-D glasses.

Dan Maskell was as valuable as ever with his affectionate enthusiasm and his occasional wisecracks. He said of Warwick that he held his racket "angled as though he was going to slice cheese with it," and of Chris Evert "she's really making the gut sing in her racket today." He managed to put countless additional implications into his favourite phrase—"On his favourite racket"—simply by modifying his expression: it varied from an exclamation of sheer admiration to one of warning for a supposedly superior opponent.

One Virginia Wade fell and Maskell let forth an involuntary "O-er." She got up and he re-



Consolation and congratulation—Nastase and Borg on Saturday

marked "All is well," adding in an afterthought which said everything "Physically."

In almost absurd contrast Jack Kramer spent the fortnight producing a series of phrases which varied from the ludicrous but decipherable ("My goodness Dan she threw three blisters in there eh?" and "Virginia just wants to do so well so badly") to the incomprehensible ("He'll make some error out of things that haven't got too much on which it has changed as a tele- 'em") all of them delivered in nearly opaque American accent and phrasology ("A real ing, vivacious, happy, attractive the way when Miss Baker returns a short one Miss Bueno jest, takes her racket back and blocks it a little deeper?")

I am all for the brotherhood of man and destroying artificial frontiers between people, but I am also all for those who work in the mass communications media, actually communicating with a British audience has to be subjected to this sort of non-sense, goodness— and perhaps the BBC—knows. In terms of the BBC's coverage Wimbledon has not changed very much. The significant was in the mass communications media, actually communicating with a British audience has to be subjected to this sort of non-sense, goodness— and perhaps the BBC—knows.

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## mpstead Theatre

# Sparrowfall by MICHAEL COVENEY

agine that old BBC TV soap series Compact rudely over- by a Raymond Chandler, and you will be approach- ing idea of what this enterpris- ing piece of Alan Drury is all t. The new British theatre- et some vague precedents his stylistic exercise with i Hare's Knackles and Hare Brains' Brains—the the its re-working of class are in thriller parody form, second in its response to a sensationalisation of the son affair. On Monday we an admirably contrived, about emotional and less intriguing among the new of public-school-city lions vell as a tongue-in-cheek on of how the backstage I have operated during the, less-unpenetrating of the, Lucan and Somehouse

ese random elements are ily contained in John Chap- on elegant, incisive pro- on that moves with cine- fluidity from one personal- inter to the other. In his playwrighting career Mr. Drury has settled for oping his themes through r monologue of one-to-one- que. The method is con- d, but to a new degree of- dence. At curtain-up, the

ing Vic

# Emigrés by JEREMY KINGSTON

ak an illusion, break a— that would seem the wise- et we are left to consider- end of Slavomir Mrozek's play. Mrozek is himself an- re who left Poland in the- and settled finally in- . But while the two rooms- in his play are certainly- absentees from some uni- fied "Totalitaria," the- life stresses of that kind of- life are not presented by- with any striking particu- lar. What the play soon- ones is that frankly famil- iar of two men languishing- black wise-asses (there a- ment) alternately killing- and illustrating their inter- dence.

on Halle has set the action- in the metal framework of- ted cube, from the top of- h hangs down a bare light- like the tassels in a Bacon- ing. The two men meta- ically imprisoned, their- the usual two men—the- ly physical and the fervent- lectual, one engaging the- and bent on recollecting- e, the other eager to discuss- social problems of the world- going off in audacious.

Kevin Billington's pro- ion Brian Cox and Jim- on give these characters—- tified in the programme- ly as XX and AA—a credi-- sense of reality. Cox's- owned city peasant is- ically the more interesting

story so far is that Peter Lord physical unpleasantness and in- has been ousted from bed and- office by a combination of scar- well. The first remark is- dais that reverberate through- closely-knit group of individuals- Sarah his wife (Katherine Faby- Howard Needham Tam's strong- business associate (Michael- Kiteben). Giles Edwards the- of John's fall-guy, (Jeremy Blake)- and Cathy, Needham's secretary- series of complex, inter-related- and everyone else's future- reactions, none finer than that- (Suzanne Bertish). Into this- which results in the journalist- scribbling, scribbling and scrib- ling. Needham with his full- ward, wades the confident, slimy- in-depth reporter of a quality- Sunday, Simon Wilson (Mark- Wing-Davey).

A reading of the script has- prepared me for the freshness- of dramatic method but not for- the sure feel with which Mr.- Chapman, abetted by some ex- cellent, atmospheric soft rock- music by Brian Eno (formerly of- Roxxy Music), elaborates the- functional furniture, and Lindy- Hemming's costumes achieve- marvellous pictorial shift from- stone pin-stripes to khaki casuals.

The sharp intelligent playing of- a gifted cast gives good com- pany to such amusing, self-re- conscious parodistic scenes as- "All this time you could- screw me but you couldn't- me" and, in a more overtly- misogynous vein, "All this time-

character, because finally the two men as foreign bodies with- more unusual, when exposed as- a miser. But Norton's troubled- intellectual is credible enough- apart from whose bowels- for him to take in his stride that- old cliché cry of lost intellec- tuals: "There's a book I've got- to write!" Nonetheless, while- theatrical, Mrozek lets us- know that the pair have— a depressing effect the pair have— upon one another's relation- ship remains the sort that- flourishes more in the minds of- dramatists than in the real- world of fevered intellectuals- and swinish cadgers.

A striking image identifies the

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## St. Bartholomew-the-Great

# New English Singers

by RONALD CRICHTON

The memorable things in a Festival of the City of London have often proved to be, not the big do's in St. Paul's and elsewhere but smaller, more intimate occasions, equally

comparable from ordinary London concerts are but with programme, performance and more originally matched. Such, during the last Festival, were the concerts in St. Bartholomew's Church, including an in- candescent Bruckner E minor Mass under Vaughan Williams, a masterly performance of the first part of the "The English Singers" by Andrew Morris, Organist and Director of Music to this church. The material is willing and enthusi- astic but uneven, with some

voices which don't blend in a small choir specialising in music often sub-divided. They are also careless about clean intonation. Mr. Morris conducted in a fiddly, peppery sort of way, as if a capella music would be intolerable

in the hands of a modern audience without overheated little limaces and a deal of egotistical "expression." There were signs, as well, that the results could be much better, but that only added to the sense of disappointment.

In the Gabrieli Magnificat (there were no instruments) serenity and grandeur were less in evidence than a hectic quality intended for Venetian sensuousness. Scarlatti's fascinating Stabat Mater suffered in the same way. Intonation grew worse—it was regrettably unsure in the G minor Mass of Vaughan Williams, a masterly fusion of his personal style with what he loved and learned from the English past (Falla did something similar in the choruses in *Atlántida*). There are three more Festival church- music events: the English Chamber Orchestra on July 8, the Monteverdi Choir and Orchestra on July 9, and Henze's version of Carissimi's *Jephtha* on July 14.

The weather, of course, was

no help to them, and they declined, even at the shouted suggestion of a cheery member of the audience. But if the heat and humidity were responsible for a few blemishes on the ensemble's clean sound surface, they more than made up for that with playing of musical life and alert rhythm. Kenneth Sillito, the first violin, con- stantly kept his line under a steady tension, so that nothing was allowed to fall impotent. His colleagues, though some- what softer spoken, were there to provide a tightly projected answers and counterpoints, and when the two hands moved together, a movement of rhythmic vigour, such as the finale to Beethoven's op. 69 No. 2, they could perform with thrust.

Unanimity in the longer term was one of the specially pleasing features of the Gabrieli playing. Points of formal articulation were subtly marked with a general feeling of relief, questioning, expectation or whatever, and so the patterns of the works, Haydn's Op. 50 No. 6 as well as the Beethoven, emerged with clarity. Nor were the details passed over: such things as the astonishing angularity of two-part writing in Haydn's last movement, or the combination of two violins and viola as a single instrument in Beethoven's first were realised with freshness and exactitude. It was a recital to show that ex- pressive chamber playing is not dead on a heavy cloud of

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## WORLD TRADE NEWS

## Hong Kong contracts shock Japan

BY CHARLES SMITH

TOKYO, July 6

JAPAN'S electrical engineering and technology. On financing government early in 1974 to carry out the entire mass transit scheme within a ceiling price of \$1.5 billion, but was later obliged to withdraw. Talks on compensation between Mitsubishi and the Hong Kong government revealed a wide gap and ended without a satisfactory settlement.

The Japanese made a comeback in 1975 when some of the construction companies which had belonged to the original Mitsubishi Corporation tendered successfully for parts of the civil engineering work. The civil engineering work constitutes 80 per cent of the total value of the mass transit scheme with only the remaining 20 per cent accounted for by this week's contracts. Japan, however, would have stood to gain some \$1.2 billion (\$210m.) worth of business if it had been successful.

A marginal factor in the Hong Kong decision not to give any of the engineering contracts to Japan may have been the fact that the Japanese bids were denominated in yen—a currency which could well appreciate in value during the 12 years (from 1980 to 1992) during which loans for the project will be paid off. Mr. Thompson said to-day, however, that this was not the main consideration so far as the Mass Transit Corporation was concerned. The Japanese offer, he said, was a "very good one," but others were felt to be better.

The Hong Kong projects have been given a high priority by the Japanese because they expect it to be the first of a series of mass transit schemes to be undertaken in various Asian cities. Singapore and Manila are both planning similar projects and a subway scheme is under consideration for Caracas. Another point that obviously unsettles the Japanese is that the outcome of the Hong Kong bidding seems to be part of a run of failures experienced by Japan in international bidding since early this year. Other contracts which the Japanese tried hard for but did not get included a \$450m. Polish fertilizer complex and a Swedish hydroelectric project (worth an estimated \$15m.).

## Kraftwerk Union signs DM7bn. Iran nuclear power deal

BY GUY HAWTHORN

KRAFTWERK UNION, West's leading power station constructor, has signed its controversial agreement with Iran to build the country's first two nuclear power stations. While no official figure has been announced, the deal is thought to be worth between \$1.5 billion and \$2 billion (\$210m.) and \$1.73bn. (\$250m.).

The turn-key contract for two 1,200 Megawatt power stations is due to be completed between 1980 and 1981. Under the deal, it is understood that Kraftwerk Union (KWU) will provide a 10-year supply of nuclear fuel that could be worth a further DM30m. (\$50m.).

KWU, which declines to discuss the value of the deal, is the first western concern to conclude such a contract with the Iranian Atomic Energy Organisation. The nuclear fuel supplier, Iran, is still negotiating contracts covering the cost of two 900 Megawatt plants with the United States. The pressure of the Iranian supply of eight have a such a contract with the Iranian Atomic Energy Organisation. The nuclear fuel supplier, Iran, is still negotiating contracts covering the cost of two 900 Megawatt plants with the United States.

## Boeing beats Airbus to Singapore order

BY MICHAEL DUNNE

THE BATTLE between Boeing for British Caledonia of the U.S. and Airbus Industrie of France for the important Singapore Airlines order for 10 Boeing 727-300 aircraft has been won by Boeing. SIA has placed an order for three Boeing 727 aircraft, worth \$44m., with an option on an additional six aircraft.

The new jets for delivery in the last three months of 1977, will be used on SIA's services to Jakarta, Bangkok, Hong Kong, Taipei, Seoul, Manila, Colombo and Madras.

For the last three years, SIA has been studying new aircraft for its regional services and the choice quickly narrowed either to the Boeing 727 or the European A-300 Airbus.

SIA chose the Boeing 727 mainly because its capacity of 140 seats is more appropriate to the airline's route pattern than the 220-seat Airbus. The airline is also currently using a fleet of Boeing 747 Jumbo jets on its long-haul routes. Existing Boeing 707 and 737 aircraft on regional routes eventually will either be converted to freight use or sold.

At Abu Dhabi, the International Airline Consortium of West Africa, has ordered a third DC-10 tri-jet from McDonnell Douglas of the U.S. for delivery in the spring of 1979. Other recent DC-10 orders include two from Abu Dhabi.

## ABU DHABI TO INDIA

AN agreement has been signed between the Abu Dhabi Arab Economic Development Authority and the Indian Airlines Corporation for a lease of \$9 million to be used to finance the construction of a 105,000 sq. ft. terminal at the Abu Dhabi International Airport. The agreement was signed by Sheikh Suroor bin Mubarak, deputy chairman of the Abu Dhabi Authority, and Mr. J. Kaul, the under-secretary of Finance, Mr. J. Kaul.

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## Pakistan import free list enlarged

By Iqbal Mirza

KARACHI, July 6. THE Pakistan Federal government has announced the import policy for 1976-77 with the free list increased from 389 to 467 items. The policy which not only maintains but further accelerates the liberal pattern of imports introduced in 1972 makes ample provision for import of tractors, fertilizers and pesticides to boost agricultural production. Import additions made in the free list will make easier the import of machinery, capital goods and essential raw materials. Certain essential consumer goods of which there is acute shortage and which are being smuggled into the country have been placed on free list for the convenience of consumers and to mitigate the evils of smuggling. These are sanitary ware and enamelled bath tubs, electric bulbs and tubes, earthen china or porcelain table ware, aluminium and enamelled iron wash basins and sinks, nickel cadmium cells, dry battery cells, air-conditioners of all sizes, refrigerators and deep freezers of all sizes, razor sets and blades and tape recorders and cassette players.

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**DIRECTOR  
KENYATTA CONFERENCE CENTRE  
NAIROBI, KENYA**

## Freight rates hit by Ro-Ro growth

BY JOHN WYLES, SHIPPING CORRESPONDENT

THE introduction this year of many new roll-on roll-off shipping services from Europe to the Middle East has caused a sharp fall in freight rates, according to the chairman of a leading Swedish shipping company.

Mr. Andrew Olssowski, chairman of Tor Line, told a London conference yesterday that there was already "over-tonnage" by roll-on-roll-off operators running services to the Middle East, particularly to Saudi Arabia. The effect had been to cut basic freight rates by about 30 per cent over the last three months.

As Mr. Olssowski pointed out to the conference, Ro-Ro '76, the new services, have been seen as a "far reaching door-to-door operation."

Mr. Olssowski said the vast potential of such ships had resulted in new orders which will increase the world fleet by 48 per cent within the next two or three years.

While much of this growth has been stimulated by the "staggering demand" for roll-on-roll-off tonnage caused by OPEC countries' import programmes, he suggested that owners should now start to look at the potential offered in the Pacific trades and in trades to Brazil and India.

## Leather makers criticise exhibition

By James Sutton

A SPECIAL London exhibition which aims to help developing countries market their products in Britain has run into criticism from a group representing British leather manufacturers, which claims that its interests are being threatened.

The exhibition, Expo-Impe, to be staged at St. Katherine's Dock, London, in October, has attracted 28 exhibiting countries from the developing world. Its aim is to help the countries' and markets for goods other than their traditional export commodities, and at the same time acquire expertise in marketing and presentation of goods.

More than three-quarters of the cost of the exhibition, estimated at about \$150,000, is coming from an EEC Commission grant. The Ministry of Overseas Development is also contributing and the exhibition is being organised by the Import Opportunities Office for Developing Countries, which is based at the London Chamber of Commerce.

The purpose of the exhibition and the accompanying seminars is to encourage the sale of leather goods, horticultural products, handicrafts, furniture, etc. The cost of transporting exhibits to London and accommodation for two representatives from each country will be paid for.

At a Press conference yesterday Mr. J. H. Keane, of the British Leather Goods Manufacturers Association, claimed that exhibition would help foreign leather exporters, already enjoying cheap raw materials, to obtain deeper penetration of the British market than they already had. More effort was going into encouraging imports into Britain than exports, he said.

But the organisers of the exhibition stressed that the British leather makers had a market in other developed countries which the developing world was not aiming at. It was also stressed that the exhibition was in the context of the industrialised countries' foreign aid effort.

Fourteen members of the ACP (African, Caribbean and Pacific) group of countries, including Jamaica and Nigeria, are coming to the exhibition, while in the non-ACP countries the exhibitors range from India, to Costa Rica. It was stressed that overall Britain had a very favourable trade balance with the exhibiting countries in both groups.



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## FT







OVERSEAS NEWS

# Rhodesia plans big increase in defence spending

TONY HAWKINS

SALISBURY, July 6.

DEFENCE spending in Rhodesia is set to rise by 15 per cent this year or more, according to the Rhodesian government's public expenditure statement tabled in Parliament today. The defence vote is up 40 per cent at £4m. (£75m.), but a further £1m. (£13m.) is provided in the supplementary budget to be tabled later. The defence vote is up 40 per cent at £4m. (£75m.), but a further £1m. (£13m.) is provided in the supplementary budget to be tabled later. The defence vote is up 40 per cent at £4m. (£75m.), but a further £1m. (£13m.) is provided in the supplementary budget to be tabled later.

## Nimairi names five states in coup bid

CAIRO, July 6.

EGYPTIAN President Jafar Nimeiri said in an interview today that he had ordered a coup in Sudan. He said the plotters would stand trial. From the United Nations in New York it was reported yesterday that Sudan had called for an urgent Security Council meeting, citing "massive evidence" of Libyan responsibility for the attempted coup. At the OAU summit in Port Louis, President Nimeiri last night accused Libya of engineering the coup.

## Lebanon conflict spreads

MICHAEL TINGAY

BEIRUT, July 6.

EW front opened today at northern coastal town of Ka, causing the suspension of traffic on the main Beirut-Damascus road. Left-wing papers in Beirut today said that forces of the Christian right-wing were massing for a new attack on Tel al Zaatar. The camp came under heavy shelling again yesterday, and a Red Cross convoy which crossed from west Beirut with emergency relief supplies for the camp had to turn back.

## Australian securities law

CANBERRA, July 6.

AUSTRALIAN Federal Minister for the ICAC, which became effective in March, announced today that the ministerial council of the ICAC had ordered an examination of insider trading provisions of the securities law in the four states after complaints that it was inhibiting innocent business. Meanwhile, an environmental commission examining uranium mining in Australia left today to inspect nuclear power plants in Britain and West Germany.

### QUARRELS AT THE OAU

# A most forgettable summit

BY STEWART DALEY

PORT LOUIS, July 6.



President Amin

seven or so on South Africa, portended real action. The summit itself will probably be remembered above all for the rash of bilateral disputes among its members that swamped its concluding hours. Ethiopia clashed with Somalia over the question of Djibouti—the territory of the Afars and the Issas. Morocco and Mauritania argued with Algeria over the Western Sahara. Uganda accused Kenya of collaborating in the daring Israeli raid on Entebbe airport. Sudan accused Libya of staging an abortive coup against President Jafar Nimeiri. And Rhodesian liberation movements, having argued throughout the summit behind the scenes, demonstrated their capacity to split and stay split in the open.

The African National Council (ANC) row was nothing new. But with the unseemly squabble between its factions rounding off events, many delegates concluded that this conference, which had the lowest attendance of Heads of State for many years, was also the most divisive. The conference began in an atmosphere of unease. Mauritius is many hundreds of miles off the African mainland and its population is 58 per cent Indian in origin. The cost of the conference had provoked angry criticism among the local population. Many Mauritians, in fact, do not regard themselves as part of Africa—a feeling that

led to a strike by low-level civil servants even before the summit opened.

Some African States also had doubts about Mauritius. President Idi Amin of Uganda, the outgoing chairman, refused initially to hand over the chairmanship to Sir Seewoosagur but did not, have considered

a more serious aspect. Mauritius is one of at least 15 OAU member States which have important economic links with South Africa. The Republic itself uses its economic strength to try to win friends in Black Africa. The conference might, at least part of the territory on the grounds that some of the population is Somali. Ethiopia, with the support of the United States, has vital interests in the territory—especially since some 80 per cent of its trade travels along the 500-mile railway line to the port in the territory.

Israel's intrusion into the heart of Black Africa humiliated many delegates who warmly supported the resolution calling for a United Nations Security Council emergency debate. The raid has the potential of sending fissions through the OAU membership.

Ramgoolam, his Prime Minister of Mauritius, on the grounds that Queen Elizabeth was technically the Mauritian head of State. This problem, however, was resolved.

The irony was that the only main links Mauritius has with Africa are with the White South. Ten per cent of its imports, in fact, come from South Africa, as do half its tourists. Some of the almost comic attempts made to conceal the South African connection have been well publicised, the hastily rebranding of South African wines, or the suppression of the South African trade mark on the lavatory paper, for example. But there

ways in which members could free themselves of South African dependence.

The net result, however, of the anti-South African groundswell was a feeble Olympic resolution which "calls upon" (not demands or insists) that members boycott the Olympic Games if New Zealand is allowed to attend after playing rugby with South Africa. There were several watered-down resolutions about sanctions and one tougher item "committing" members not to deal with South African homeland leaders.

In the end, the conference was consumed by the inter-state conflicts. At first the most



President Nimeiri

Many delegates felt humiliated by Israel's intrusion into the heart of Black Africa and warmly supported the resolution calling for a UN Security Council emergency debate. Kenya denied President Amin's charge that it had collaborated with Israel. And as relations between Kenya and Uganda have been fraught for months, the raid can only make things worse.

The Libya-Sudan row could also have serious repercussions. President Nimeiri explicitly accused Libya of mounting the abortive coup against him. If Sudan decides to push the issue, inevitably members will side behind the feuding parties.

The 13th summit has therefore ended with none of the outstanding issue resolved. It also faces several new crises. Every summit has produced its problems. But this one stands out, perhaps, as the most forgettable.



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draw the hot air out of a room, cool it, de-humidify and filter it, and feed it back in, fresh and clean. If you'd like some information about air conditioning systems, about which kind might suit you best, an idea of how much the chosen system would cost to run and install, ring Bernard Hough on 01-834 8828. Or write to him at the Air Conditioning Advisory Bureau, 30 Millbank, London SW1P 4RD. Or get in touch with your Electricity Board.

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### ON OTHER PAGES

Present company and international company news. Volkswagen prospects. Merck court order. 24. Walen, Victoria, Quebec. Farming and raw materials. Australian wool price. EEC farm policy. 31.



## HOME NEWS

# Bankruptcy rate shows 28% rise over 1974

BY JAMES McDONALD

A SHARP RISE in the volume of receiving orders and administration orders in bankruptcy occurred in England and Wales, according to the Department of Trade's annual report on bankruptcy, published yesterday.

The number of failures last year increased 28 per cent compared with the previous year. There were 6,698 bankruptcy cases, compared with 5,208 in 1974, and 123 deeds of arrangement, compared with 106 in the previous year.

Once again the greatest number of failures occurred in the construction industry, with 1,522 of the 4,677 trading failures. Retailers had 1,065 failures, road haulage, taxis and hire cars 450, garages, motor dealers and filling stations 303 and financial, business and professional services 300.

The 3,021 non-trading bankruptcies included 402 directors and promoters of limited companies. The largest bankruptcy case had estimated liabilities of £17m. There were also other cases each with liabilities over £1m. The largest deed of

arrangement had liabilities of £55m. There was one other deed with liabilities over £1m. Of the 6,698 cases administered in bankruptcy, 3,676 had estimated assets of less than £200 each.

The estimated liabilities in all these failures amounted to £147m, an increase of 196 per cent compared with 1974. The estimated value of the assets was only £24m—an increase of only 24 per cent—leaving an overall estimated deficiency of £123m.

In the construction industry a total deficiency of £47m represented an average of £3,000 a case. The number of estates in which official and non-official trustees were released in 1975 was 3,437, compared with 3,682 in 1974 and 3,702 in 1973.

The report also gives details of 787 debtors' applications for discharge (722 in 1974); 1378 prosecutions for bankruptcy and other offences reported by official receivers (239 in 1974); 123 deeds of arrangement registered (106); and 115 deeds of arrangement in which final accounts were rendered. Bankruptcy General Annual Report for 1975, SO, 65p.

## Prospects trouble building industry

By Michael Cassell

BUILDING INDUSTRY leaders will see Mr. Reg Fresson, Minister for Housing and Construction, today to discuss their fears about prospects for private housing activity.

A delegation from the House Builders' Federation will tell Mr. Fresson of their underlying lack of confidence, caused by fears over future demand, mortgage availability and land supplies.

Mr. Charles Mitchell, president of the federation, told members in Cardiff yesterday that the housing sector was operating at only about 50 per cent of its potential capacity and looked like continuing to do so. Unemployment remained deplorably high.

### Tax plans

In the first half of this year, private builders made a start on an estimated 80,000 homes and an annual total of 160,000 had been generally expected.

Last year's start was made on 147,000 private homes. Mr. Mitchell said, however, that he doubted if the rate of output achieved in the first six months of this year could be maintained in the second half.

Development Land Tax proposals in particular were encouraging builders to advance as much work as possible before August 1, the expected appointed day for the tax.

The builders will tell Mr. Fresson that there are three main reasons for the industry's pessimism.

Serious doubts as to whether demand for housing will be maintained in the face of continuing restraints on real income are their biggest worry.

The industry is also concerned about the chances for a continuing high flow of mortgage money onto the market.

Recent increases in general interest rates had led to a sharp reduction in the volume of money received by building societies, said Mr. Mitchell.

The societies had more than £500m in liquid funds to act as a cushion against any fall-off in funds, but the house-builders remained concerned that the Government could bring pressure on the movement to cut lending to make available finance go further.

### Detrimental

Government pressure had resulted in a dampening down of mortgage-lending in May and June so as to keep within the annual target of £6bn. This was already having a detrimental effect on the market, at a peak buying time of the year.

The Building Societies' Association said this week, however, that the annual lending target which represented a 20 per cent increase in loans over last year—remained at £6bn despite the recent fall in net receipts.

The third major point which the builders will be making to Mr. Fresson concerns land legislation.

## Swiss MAG group moves into joint venture with NVT

BY PETER CARTWRIGHT, MIDLANDS CORRESPONDENT

THOUGH resumed production after 15,000 engines have been assembled is no nearer, the Swiss makers of the MAG range of small industrial engines lined up with Norton Villiers Triumph yesterday to assemble and sell

Villiers engines from the Wolverhampton plant. It has been occupied by the former employees since it was closed by NVT nearly a year ago.

Motosacoche of Geneva, which makes the MAG engines, proposes to offer, through a new company, the NVT AGM Engines, both MAG and Villiers engines for sale in the U.K. and abroad.

This will be good news for thousands of Villiers users deprived of spares, but has cut little from the NVT AGM Committee, which until recently has picketed the factory. It was the committee's decision to collaborate with the liquidator that paved the way for the U.K.-Swiss link.

Mr. Tom Porter, a senior member of the action committee responsible for organising assembly work in both the industrial engines and motor-cycle factories—some 500 Norton Commodore remain to be built—was quick to point out that there was



First Officer Ann Bostock, first woman pilot to join British Caledonian Airways. Yesterday's picture shows her beside a BAC 1-11 before taking off from Gatwick for Glasgow.

## Western World 'has too many zoos'

By David Fishlock, Science Editor

BRITAIN and most other populated parts of the Western world have too many zoos and similar institutions, the founder of one of the U.K.'s newest private zoos told an international audience at the Zoological Society in London yesterday.

Mr. John Knowles, the businessman who started Marwell Zoological Park, near Winchester, in 1972, told the World Conference on Breeding Endangered Species in Captivity that there was no way the breeding of endangered animals could be made self-supporting.

Public preference for "certain" animals imposed a burden on the already strained budgets of zoos. Many of Marwell's visitors, although interested in the rarities, asked why he kept so many of each species and yet kept no lions, sea lions or monkeys—"monkeys are so entertaining".

It should be now possible for Villiers customers to pick up with future road planning the knowledge that continuity of supplies and service would be assured.

Mr. Philip Sellars and Mr. Alex Muirhead, both of Villiers Engines, will be appointed to the Villiers MAG-Engines Board as vice-chairman and managing director respectively. Mr. Ernest Ritchard, of Motosacoche, will become chairman, and other representatives of that company will join the Board.

## Fellowship memorial for cancer expert

BY KEVIN DONE, INDUSTRIAL STAFF

A RESEARCH Fellowship in year \$18,000 (£10,000) Fellowship memory of Prof. Gordon Hamlin in July next year to enable him to work at the Sidney Ketter Cancer Centre at Harvard Medical School, Boston, Massachusetts.

The Cancer Research Campaign secured an income last year of more than £50m, an increase of 18.5 per cent over the previous year. The Duke of Devonshire, chairman of the campaign, said yesterday, the growth in income did not match the continuing rise in research costs.

The first Fellow will be Dr. Bruce Ponder, 32, a clinical research Fellow at the Imperial Cancer Research Fund Laboratories.

Dr. Ponder, former medical registrar at St Thomas's Hospital, London, will take up the one-

## Currency offences cost near £1m. in fines

FINANCIAL TIMES REPORTER

FINES totalling nearly £1m. have been imposed on two men (after they had been withdrawn), and their associated companies for breaches of the exchange control regulations relating to the currency premium.

The men involved are Mr. Peter de Roth and Mr. Vernon Davies. The companies are Metal Import (Overseas), First Marketing, and Management, Metal Import Company and Confidential and Overseas Exchange.

The defendants had pleaded

guilty to the charges (after they had been withdrawn). The fines imposed on the City for breaches of the exchange control regulations for Mr. de Roth and £1,000 on each of three charges for Mr. Davies.

Mr. de Roth was also given a suspended prison sentence. Metal Import (Overseas) was fined £100,000 on each of three charges, and the other companies each £100,000 on each of two charges.

## Adverts 'keep prices down'

BY PAMELA JUDGE

"ADVERTISING is an essential part of industry's mechanism which helps to keep prices down, even though it has to be paid for," Lady Plowden, chairman of Independent Broadcasting Authority said in London yesterday.

Lady Plowden, making her first major statement on the commercial side of broadcasting since taking over the chairmanship, told an Incorporated Society of British Advertisers' lunch that for industry to survive and thrive it must serve the public well.

"Like other industries independent broadcasting aims to

thrive. It aims to make a profit to encourage investors." Profit was needed to maintain the lot of those employed in the industry and to make better programmes.

The portrayal of industry on radio and TV programmes and all its facets was a very live issue in the IBA. The fact that the broadcasting industry aimed to make profits did not mean that it was "somehow tainted and doomed to produce programmes of less quality."

Nor did it mean an inevitable slant towards mass audiences. "It is more difficult to give choice to all tastes when ITV has only one channel."

In a reference to the U.K.'s system of controls over advertising, Lady Plowden said that the IBA looked for the reaction of the public to broadcast advertisements.

"Ordinary people who would think it out of proportion to undertake litigation can, for the cost of a postage stamp, have access to a responsible independent body willing to consider the complaint."

Earlier, at the annual meeting of the society, Mr. Redley Greenborough, deputy chairman and managing director of Shell U.K., was elected president, succeeding Lord Robens.

## NEWS ANALYSIS—PENSION FUND INVESTMENT

## Lesson of London Co-o

BY ERIC SHORT

MONDAY'S High Court judgment on the London Co-operative Society pension fund investment case has highlighted the responsibility of trustees to ensure that the assets of the fund are invested in a way that secures the fund's future.

The primary task is to invest for the benefit of the members of the scheme and has shown that the interests of the pension scheme do not necessarily coincide with those of the company.

Investment back into the parent company can pose particularly thorny problems, whether it is straight equity investment in shares of the parent or by means of loans, secured or unsecured, to the parent company.

The whole objective of funding the liabilities of a pension scheme is that the scheme can stand on its own two feet independent of the parent, so that if the parent failed, the pension scheme could pay out the benefits to members secured to the date of the collapse.

### Pressure

Therefore the trustees should look very carefully at the investments of the fund which are related in any way to the activities within the group. One common use of funds is to provide cheap mortgages to certain members of the staff, usually executives, but there is growing pressure from some trade unions to use pension fund money to provide mortgages to all staff members.

Even on commercial building society rates, this is a poor form of investment for pension funds compared with returns on other group.

fixed-interest stocks. Certain local authorities in the pension fund investment past often regarded the superannuation fund as one of the assets of the parent company, and the assets of the pension fund were secured at low rates of interest.

This resulted in the return on the fund being lower than that from a company pension scheme, and the ratepayers had to make up the difference.

But this practice seems to have died out with the establishment of finance committees advising local authorities on the merits of the scheme. He has been prepared to voice his objection to the practice or at least to emphasise the financial implications.

In this respect, the actuary to the pension fund, private or local authority, can play a vital part in stopping the abuse of investment back.

Mr. Dennis Gille, a senior partner in R. Watson and Sons, a leading firm of consulting actuaries, regards making an analysis of the investment policy and assets of the fund as an integral part of the actuary's task when he makes the periodic valuation into the solvency of the pension fund.

He considers that the actuary's report would be incomplete without showing the analysis and making comments upon it. The Occupational Board in its investigations into the solvency of pension funds made very specific recommendations on investing back to the parent or on investment for pension funds with any other companies in the group.

It recommended that investment should be in 10 per cent of the fund the parent's equity and loans or advances should arm's length on commercial terms.

### Scrutiny

Yet there is a growing for pension schemes to be unfunded, in which a benefits to employees a completely bound up with the fortunes of the parent company. The London Co-operative has raised the question whether other forms of investment will be the subject of complaints by members and pursued to the courts.

In particular, the cost of investment in venture capital for industry, to be the subject of scrutiny.

Many investment firms said at the time of a launch that it was not suitable investment for funds and that a good return were a better investment. However, Mr. May, chairman of the National Association of Pension Fund supporters of ECI, says there is an analogy with investment in ECI and a back in the parent.

He said that the decision of ECI was in a enterprise which would all show returns can with equity investment would be done on our terms with no possibility of sidestepping investment.

## Forces resist defence cuts

BY MICHAEL DOWNE, DEFENCE CORRESPONDENT

The chiefs of the Armed Forces already made a "very large contribution to the reduction of public expenditure... We should not be put through the examination bear a share of any further cuts again."

They are deeply concerned about the possibility of further requests for additional cuts in defence spending, which they are claiming as they try to implement in detail the cuts already imposed on them under the Defence and Public Expenditure Reviews.

Already they face steeply rising costs for all kinds of equipment, which are reducing the quantities that can be bought on the existing budgets, together with the continued need to maintain commitments to Nato, and 77, and earlier this year, the Public Expenditure Review, the bone of all items of existing spending, both for the front-line defence spending up to 1980, and for support operations. Only £177m. in 1977-78, £193m. in 78, by massive reductions in commitments can any significant new equipment be made, the chiefs have made a more searching of staff say.

The chiefs of staff say that they economies be made, the chiefs have made a more searching of staff say.

under the Defence Review a further 10,000 under the Expenditure Review, at the period to 1984, were power levels are also due.

As a result, suggesting the Tribune group of defence should be subjected to further cut of up to £1b—or at least have some additional cuts in investment spending—may be a hostile reception by it forces.

While in theory it is possible to squeeze a little out of the defence budget by reallocating priorities—deferring originally due to be that year—in practice in considerable disruption of armed forces and in a considered under

One reason is that to create local unemployment, equipment programme of all can be self-defeating, and as a result have up to 30,000 civilian workers terms of saving time.



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### Interest rate

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10% for the last three years

### Price of reimbursement

FF203 for the bonds called for reimbursement on January 1, 1982 and 1983  
FF217 for the bonds called for reimbursement on January 1, 1984, 1985 and 1986

### Yield to maturity: 9.73 %

Subscription open to the public as of June 30th 1976 Application to be made for listing of the convertible bonds on PARIS, LONDON, BRUSSELS and AMSTERDAM Stock Exchanges



## HOME NEWS

### Midlands confidence continues to grow

Midlands Correspondent

SES IN U.K. steel prices have run the steep devaluation sterling and forced some companies to increase prices, while others re-examine their pricing policy in the light of the pound's fluctuating value.

Nevertheless, there has been a marked increase in export sales among Midlands firms in the last month.

Only one in four companies is running at capacity, but there is a continuing growth in results from the latest survey by the West Midlands regional group of chambers of commerce.

Confidence in the region is still operating at an unenviable level.

On the other hand, one in five is planning to increase output in plant and machinery and very few have reductions downwards.

Employment, too, is improving. A recent survey shows that prospects in the region are better than elsewhere in the country.

Only 9 per cent of employers are holding on to their staffs and only 16 per cent of the previous year are contemplating reductions.

Nevertheless, more employers are reporting that they will be increasing output.

### Felixstowe docks case may be delayed

BRITISH Transport Docks yesterday failed to win a three-day postponement of the High Court action making the Board of Directors for the Bill in national port of Felixstowe.

Hearing will begin on as planned said Lord Chief Justice.

Felixstowe Dock and Co., now owned by an American firm, made a successful counter-bid after shareholders in the company had agreed to a takeover by the Board.

### Interim

also seeking an injunction against the Board from continuing the Bill, now Lord Committee stage.

Hearing before Lord Chief Justice is expected to take five days.

ing for a postponement of hearing until tomorrow, in Lightman, counsel for the Board, said that it was unlikely that the High Court should take place at the time as the Lords proceeded were expected to end.

ames Comyn, for the port, opposed any postponement. The Board is for a short adjournment of the Lords' consideration.

## Rockwell makes £5m. assault on Eaton axles

ROCKWELL INTERNATIONAL Corp. of America is going to challenge the supremacy of Eaton Corp. in the two-speed truck rear axle market with a £5m. programme based on its U.K. factories.

Rockwell has made the U.K. factories the headquarters of its European automotive operations.

U.S.-made Rockwell two-speed axles have suffered a price and weight disadvantage compared with the Eaton products. But a new design, claimed to be technically superior in important respects, will be launched towards the end of the year on a world-wide basis from the U.K.

Rockwell intends to provide a highly competitive alternative to the Eaton two-speed axle to truck makers like General Motors (Bedford), Ford, British Leyland and their European counterparts, concentrating on the medium truck range.

### Widely used

This range of 5-16 tonnes is the most widely used in industrial countries and generally spearheads exports to developing countries forming the nucleus of their own truck industries.

A two-speed axle allied to a five-speed gear box provides great flexibility over a wide variety of terrains.

Rockwell's decision to make the U.K. its base for a world-wide assault on this growing sector of the truck market is in part a recognition of developments in the three to four years since it took over John Thompson's operations at Bilton (Staffs.) and British Leyland's Maudslay axle plant at Alcester (Warks.).

A £2m. investment has just been completed at Bilton. This primarily makes pressings and axle housings, chassis frames and other fabrications, including all Rolls-Royce chassis and a considerable slice of those for Volvo, Ford and British Leyland.

### Increased

Axle housing production is being increased 50 per cent. Another £2m. is being spent at Alcester on the development of complete drive axle assemblies and the twin speed axle.

Direct exports from Rockwell, Maudslay, now about 5 per cent of production, are planned to rise to 50 per cent before 1980.

Mr. Hugh Bone, marketing director of Rockwell International, said last night: "Helped by the floating pound, we have found we can supply axles competitively with our U.S. company and have taken worthwhile contracts in Mexico, Australia and South Africa, previously supplied from Rockwell's U.S. factories."

The developments are expected to provide extra jobs at Bilton, where the labour force is 1,200, and at Alcester which has 800 employees.

The Rockwell parent has committed a further £1m. to develop facilities at the two plants in the next year.

## ICI, Rhone-Poulenc plan joint company

ICI AND Rhone-Poulenc, the French chemicals group, are to form a joint company to manufacture and market their existing range of rubber chemicals and to invest in new products.

The venture, in which each parent will hold a 50 per cent stake, follows the completion of studies already known to have been in progress.

Subject to receiving the appropriate Government consents, the Boards of both companies intend to proceed with the necessary steps to set up the new separate venture, including discussions with the EEC Commission, over the next few months.

The new company would provide a strong base from which to invest in new plants and to

compete in international markets on a world scale in the longer term, ICI said.

A separate and independent company for rubber chemicals would respond better to market demands than the two businesses existing separately.

The new company would be responsible for its own marketing and selling, taking over the existing rubber chemical production assets of Rhone-Poulenc and ICI.

Its research programme would be geared to the future needs of the rubber industry and it was planned to introduce a number of new products.

The name of the company and a date for starting operations would be announced as soon as possible.

## VAT 'endangers jobs in small businesses'

THOUSANDS OF jobs could be at stake in Britain's small businesses unless the Government raises the minimum level of turnover at which VAT is incurred, an MP said yesterday.

Mr. Leon Brittan (C. Clevedon and Walsby) has written to Mr. Robert Sheldon, Financial Secretary to the Treasury, urging him to raise the figure above the present £5,000.

Mr. Brittan quoted the case of a snack bar owner who had complained that because of inflation, with no increase in sales, his turnover was approaching £5,000.

"His dilemma is—should he stay open as long as he present and incur VAT, or reduce the hours of opening to avoid paying VAT and thus put his assistant's job at risk," Mr. Brittan said.

"This case vividly illustrates the fact that by making life more difficult for small businesses, thousands of jobs are at stake."

"The Government sometimes seems to forget that small businesses are important employers and provide many jobs which would not otherwise exist."

## Incentives for quieter airlines considered

By Michael Donne, Aerospace Correspondent

THE POSSIBILITY of providing some kind of financial encouragement to airlines to use quieter aircraft, especially at night, is being examined by the Department of Trade.

Mr. Stanley Clinton Davis, Parliamentary Under Secretary for Aviation, said yesterday that his Department was also discussing with the airlines various ways in which noise levels at airports could be reduced, such as by the early retirement of the older and noisier jets.

He told a luncheon meeting of the Airline Pilots' Association that the number of infringements of the noise rules at Heathrow had risen over the past year.

"We hope to have the completed study shortly, and then we can set about applying remedial measures."

He was optimistic about the long-term trend in reducing aircraft noise, as a result of the progressive introduction of quieter, subsonic jets. Already, the number of infringements at Heathrow using the airport represented 12 per cent of the total, and this would increase steadily.

### Rewards

"However, we cannot afford to ignore the older and noisier aircraft, and we are discussing with airlines ways in which the improvement in the noise environment might be accelerated, for example, through early retirement."

The Minister did not give further details of the financial incentive scheme, but it is believed that it could take several forms, such as the provision of grants to enable airlines to fit "hush kits," direct cash rewards to those airlines at the top of the "minimum noise" league-table, or the imposition of harsher penalties on airlines who break the rules.

Mr. Clinton Davis, in wide-ranging survey of U.K. civil aviation problems, stressed the need for a complete review of the Anglo-U.S. bilateral air services agreement (the so-called "Bermuda Agreement").



Mr. Shinbei Konishi, President, Takeda Chemical Industries, Ltd.

## Takeda Chemical Industries, Ltd.



武田薬品工業株式会社

Report by Mr. Shinbei Konishi, President, for the financial year ended 31st March, 1976

The Japanese economy continued to suffer from severe business conditions during this period due to the low level of consumer spending, a decrease in private capital investment and increased unemployment, despite a series of financial and monetary measures taken by the government to counter the recession.

The Company faced a continuously difficult situation in its various business activities due to the decrease in demand; keener price competition and the cost increases resulting from plants operating at below capacity. Nevertheless, by the strenuous efforts of each division, total sales for this period amounted to ¥273.9 billion, an increase of ¥9.9 billion over the previous year. Net earnings were ¥7.3 billion, a decrease of about ¥1.6 billion compared to ¥8.9 billion in the previous year, which excludes a reversal of research and development and other reserves.

In the pharmaceuticals division, sales of proprietary drugs levelled off due to the decrease in consumer spending. However, among the pharmaceutical products for the medical profession, antibiotic preparations and anti-inflammatory enzyme preparations enjoyed increased demand, but the increment was very modest due to weak market conditions and the decrease in exports.

In the food division, the sales of various soft drinks saw fairly smooth growth in spite of the severe competition. Sales of seasonings and food additives also increased.

The market for industrial chemicals did not recover as expected but the demand for polyurethane resin and

other synthetic resins gradually recovered and the overall sales of our industrial chemicals division increased by about 16%.

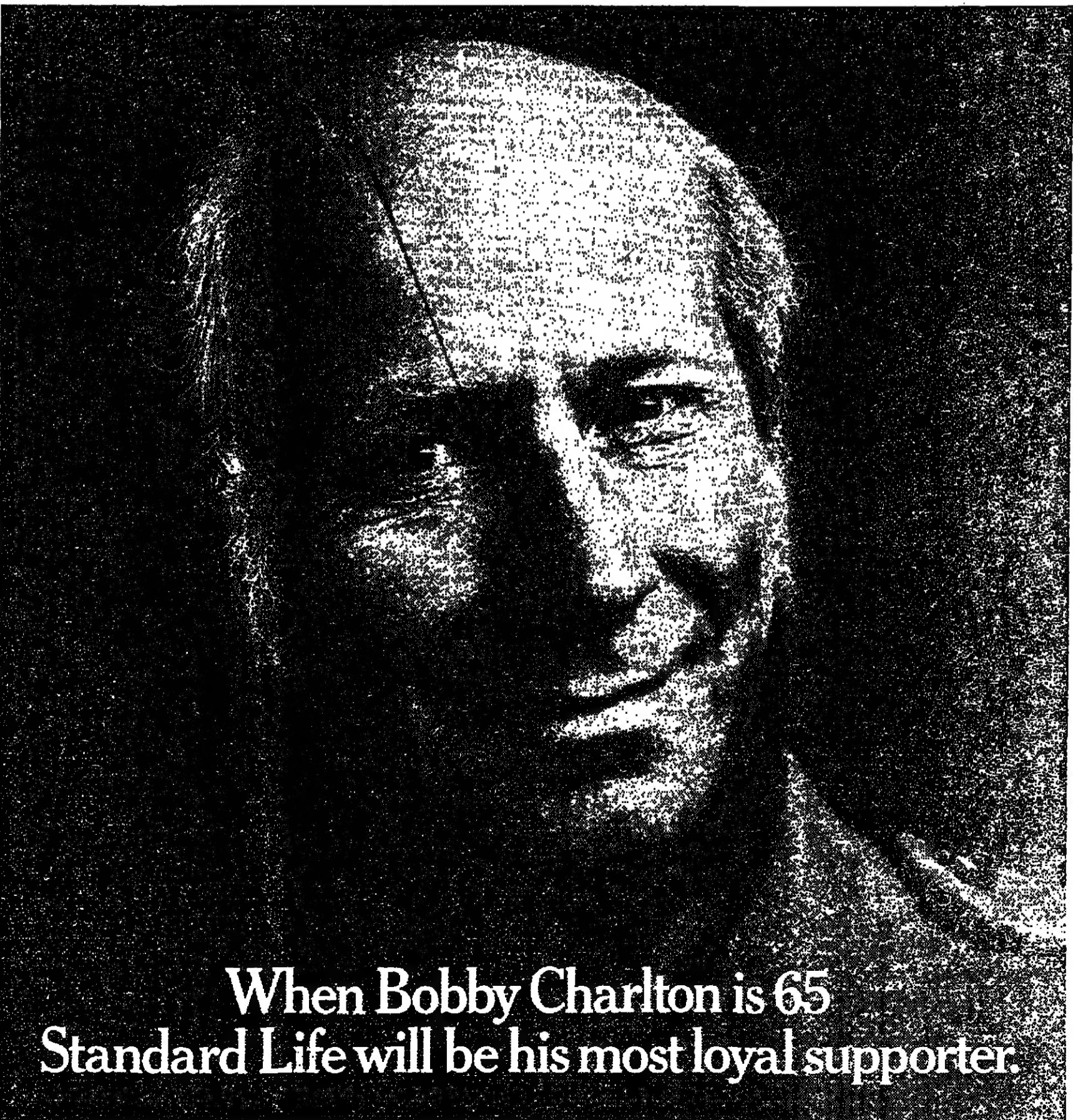
Sales of the agricultural chemicals division decreased due to destocking. The animal health product division enjoyed satisfactory sales supported by the gradual recovery of demand for veterinary drugs by cattle farmers.

Our exports declined substantially due to the worldwide recession and the resulting decrease in demand, although it recovered considerably in the latter part of the period. Our overseas subsidiaries continued to operate satisfactorily.

The Company exerted an effort to contain its investment in plant and no large investments were made during the period. The construction of plant for fermentation research and for production of synthetic penicillin and the Fukuoka Distribution Center proceeded smoothly.

The above report covers an outline of our business activities during the period. The general business environment is expected to remain severe and the Company may face many more difficulties. We are determined to make further efforts to improve all phases of our operations and to reinforce the foundations of the Company to meet the expected trend towards a low growth rate in the future.

We hope that you will continue to extend to us your generous support and cooperation.



When Bobby Charlton is 65  
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Bobby Charlton has no intention of retiring when he's 65, but he'll be able to if ever he changes his mind. Because he's one of the 700,000 people insured with Standard Life, and has been for 8 years. Provision for his future and his family's future are in the care of this famous Scottish company which has specialised purely in life assurance and pensions for 150 years. So why don't you get on the winning side at Standard Life? Then we can be your most loyal supporter too.

**Standard Life**

The largest mutual life assurance company in the European Community.

**Lch.**

The quarterly report as of 31st March, 1976 of

**Leveraged Capital Holdings N.V.**

has been published and may be obtained from

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### Drivers warned to stay away from Heathrow

By Michael Donne, Aerospace Correspondent

MOTORISTS have been asked by the British Airports Authority to avoid using private cars at Heathrow Airport.

It said the hours between 7 a.m. and 1 p.m. on Fridays, Saturdays and Sundays until October would be especially difficult at the airport, which over 35,000 vehicles enter and leave each day.

The pressures were caused by the continued improvements to the roads works in the central area, especially the construction of the station for the Underground rail link, and by the increasing volume of passenger traffic, which has risen about 10 per cent a month in last year.

While everything was being done to minimise the problem, breakdowns, road accidents, bad weather and other factors could cause long queues and delays.

Mr. K. B. Walter, the airport director, said yesterday: "Heathrow had never embarked on such a concentrated amount of redevelopment in its central terminal area as now under way."

"Anyone planning a journey to Heathrow can help in one of four ways: don't come during peak times to meet or say goodbye to passengers unless it is essential; use public transport where possible; if you must use your car, make sure that it is roadworthy and listen to road traffic advice on the radio and leave plenty of time; don't visit the airport as a spectator during weekend busy times unless you come by public transport."

Nearly 7 m. passengers will use Heathrow in the next three months. With their friends to number of people coming into the central area will be between 18m. and 20m.





# MONTEDISON

## BALANCE SHEET FOR 1975

During 1975, MONTEDISON S.p.A. and the other principal members of the Group, have been adversely affected by the exceptional conditions which characterised the year. The reduction in overall revenue in combination with the recent rise in costs has involved MONTEDISON in a loss of 72.8 milliard Lire (£ 52.6m.) after depreciation of 161.3 milliard Lire (£ 116.8m.) applying normal allowances. The other major companies of the Group also closed the year with a loss.

The Annual General Meeting held on 22nd April in Milan, approved the accounts and considered the partial covering of the loss using previous profits of 24.1 milliard Lire (£ 17.5m.) and other resources, amounting to 28.8 milliard Lire (£ 20.9m.). The remaining loss equal to 19.7 milliard Lire (£ 14.3m.), was carried forward. The 1975 accounts are the result of several extraordinary and mutually opposing facts.

In the difficult state of affairs during 1975, MONTEDISON achieved a sales revenue of 1,888.6 milliard Lire (£ 1,388.3m.), a reduction of 17.8 per cent compared with 1974. For the Group as a whole, the external sales total equalled 3,535 milliard Lire (£ 2,559.7m.), a drop of 12.2 per cent on 1974. In MONTEDISON S.p.A.'s field of activity the largest reductions of revenue were in basic chemical products and plastics materials. The Associates in the chemical sector operating in Italy, achieved similar unsatisfactory results. The foreign operating chemical companies did better. In particular the US company NOVAMONT, which produces polypropylene, was able to operate in a re-invigorated market. It achieved more positive results which confirmed its position on the US market. The Company has in progress an important programme of expansion in the setting up of a new polypropylene plant. In the USA, a new company, SWEDOCAT, has been set up, 100 per cent controlled by the Group. It manages the acrylic sheet firm which MONTEDISON bought from the American company Swedlow, in order to obtain their advanced technology and research experience, in a sector of considerable interest for the Group's expansion in the technopolymer field. This company closed the year with a profit.

The Dutch company, CNA which operates in the nitrate fertiliser field, and which besides profiting from low cost raw materials, can count on high productivity, has recently been able to augment its sales, despite the international crisis. This firm also closed the year with excellent results.

The Spanish company, PAULAR in which MONTEDISON participates equally with the Spanish group, ENPETROL, after several difficult months saw a slight recovery towards the end of the year, and closed with a small profit. In the engineering sector, TECNIMONT continued its activities with success. This company is involved in work of considerable importance, executing contracts in Italy and above all abroad.

In the pharmaceutical sector, the introduction of medicinal specialties which were favourably received by the market, contributed to the rise in sales.

The equivalent in sterling has been calculated at the exchange rate from Italian lire valid as at 31 December 1975.

The foreign companies operating in the pharmaceutical sector during 1975, increased their sales and on the whole broke even.

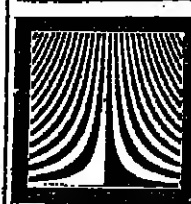
During the year, the re-organisation of these companies was started with a view to better co-ordination of the pharmaceutical sector abroad. Financial control was vested in the Swiss holding company SOPACO. Associates in the fibre and textile product sectors had an extremely difficult year. The progress of MONTEFIBRE was particularly depressing, the present crisis coinciding with a period of re-structuring. Heavy losses were therefore recorded for 1975. The companies operating abroad in the fibre sector also had a poor year. MONTEFIBRE FRANCE in particular, closed 1975 with a heavy loss. The retail distribution firms and particularly STANDA, felt the consumer crisis considerably. This made it impossible to cover the large increases in costs brought about by inevitable increase in wage and salary charges. Consequently, STANDA ran into heavy losses amongst the companies of the STANDA Group, FIORUCCI had a profitable year.

The companies operating in the mechanical, electro-mechanical and electronic sectors, achieved higher sales revenue than in 1974, but the year, especially for MAGRI-NI GALILEO and IME, closed unprofitably.

During 1975, for the medium term development programme, the Group undertook new investments totalling 519 milliard Lire (£ 448.2m.), 90 per cent of which was destined for the chemical, pharmaceutical and fibre sectors. The Group's activity in the Research and Development field produced interesting results in 1975. On the basis of achievements in the catalysts area, an agreement for collaboration on polypropylene was reached with the Japanese company MITSUBI PETROCHEMICAL, with which using also the experience built up by them in this sector, a new process has been derived which has already evoked wide interest among the producers of this polymer. Another agreement reached involves the granting to the Spanish company AIPSA, a licence for the original MONTEDISON process for the purification of pyrite cinders, the development of which will be conducted in collaboration with the companies McKEE and DORR OLIVER.

In his reply to the shareholders attending the Meeting, Sig. Cella, President of the Group, after pointing out that the chemical sector also shows signs of improvement in demand in Italy, stated that the total turnover for the Group in the first three months of the year, are over 1,000 milliard Lire (£ 724.1m.), an increase of 24 per cent on the same period for the preceding years.

This improvement cannot however conceal the worries about several problems such as price control of fertilisers, pharmaceuticals and petrochemical products, labour costs, which are assuming a growing proportion of total costs, the need for re-structuring of the fibre sector, and lastly, the inadequate equity capital situation which MONTEDISON shares with the great majority of the other large companies in Italy.



# Technical Page

EDITED BY ARTHUR BENNETT AND TED SCHOETERS

## WORD PROCESSING

### Speed and quality cost less

FULL FIELD trials with a twin-position word processing unit use for the machine comes in, since it will allow users to specify a 'standard' answer for a standard European language. This means that a secretary or a typist who need not know the language in which a letter has to be answered, can merely select the appropriate reply which is automatically produced by the machine. In several European countries, where salaries of office staff are very much higher than they are in Britain, this is a facility which will undoubtedly sell many of these machines.

At the same time, the designers have set out to make the unit usable by a reasonably proficient typist who certainly does not have to be a computer operator. The unit is semi-automatic and prompts a user to do the job in the right sequence by query and answer.

This may sound a lengthy procedure, but it is in fact very fast and since a single '96' used in an office where 80 per cent of the letters are one-offs and only 20 per cent standard

ing its general acceptance by the trade, Donaghadec has introduced an up-market version called Crown Royale.

The Textbak process involves the use of a specially woven polypropylene tape material which has much of the appearance of a conventionally woven carpet and between this and the carpet itself is a layer of foam so that, effectively, a sandwich laminate is produced.

In this way the carpet is given much greater substance and better visual appeal. In developing the new backing process, Donaghadec has accepted that many people prefer not to have a foam on the back of the carpet, but by creating this new type of laminate the company has been able to 'disguise' the foam content and at the same time offer certain advantages in the carpet which can be laid free or close fitted. It can be laid with or without underlay, as desired, and may even be laid on stairs.

Because the polypropylene backing is smooth, the carpet does not stick to any surface and can be easily adjusted when being laid. Foams offer a very high coefficient of friction.

With this latest type of backing it is possible to take the normal low pile weight printed carpet and improve its aesthetic appeal. The first carpet to be designed with the new backing was the Pall Mall range and now, follow-

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devices—that is, computers—are not happy at performance. In tests on the full Monotype daisy wheel 400,000 impacts where pitting unit broke up. One of the secrets is the material used, another method of product discrete characters by making a complete of the wheel. The upshot of all this is that the company is able to set up with special sets at considerably less than competitors, all (it is thought) are of U.K. This has attracted attention of a major group which could be an important outlet for Monotype now in a development path to allow it to harness traditional skills of engineering, and last but not least, the problems which are others who lack the breadth of experience. Monotype Corpora, Redhill RH1 5JF 65959.

## TEXTILES

### Move away from the foam back

IN THE couple of decades since it was first introduced to the carpet trade in Britain the tufted system of production has become the major method of making carpet throughout Europe and the machine builders are either American or British. Several possible alternative systems of manufacture have been suggested at various times but the actual growth of production capacities has almost entirely been based on tufting.

A number of developments have followed from this first stage. Originally almost all carpet was made on the ground fabric of hessian, but this has, to a great extent, been replaced either by woven polypropylene tape fabrics or by spun-bonded materials.

To escape the appearance of rubber backing many manufacturers applied a secondary back-

ing of hessian to their products. This gave the products greater stability and more 'body'. Subsequently there was a major swing towards an in situ foam rubber backing which resulted in the underlying being effectively combined with the carpet.

The other major development in carpets was the production of printed fabrics. These were most frequently made with a low loop pile of nylon and the actual materials, although extremely tough, needed foam to give them sufficient apparent 'body' to make a saleable item.

There is a reaction away from these foamed materials and now a new development has been announced by Donaghadec Carpets (Donaghadec, Co. Down, N. Ireland, Tel. 024 782 3333) part of the Carrington, Virella Group. The new backing is called Textbak and it is now being patented in various carpet producing countries.

With this latest type of backing it is possible to take the normal low pile weight printed carpet and improve its aesthetic appeal. The first carpet to be designed with the new backing was the Pall Mall range and now, follow-

## COMPUTING

### Speeding policy work

LOYD'S of London formally sign the end of its computing at the end of this week. The study on what a cost, the project will take four years to carry out, in equipment methods which should take at least the next five years to complete. The project was begun in 1974, resulted in a decision DEC 11-70 machine equipment basis. The project was installed in Staffordshire and the year prior to the move Policy Signing Office Lloyd's administrative at Chatham.

The intention is to data entry over up to display units and it is that use of this process allow LPSS to provide faster policy process to brokers.

Lloyd's, Lime Street, EC3N 7RA. 01-623 71

## METALWORKING

### Stiff knee copy mill

BY REMOVING the cross-slide movement from the knee to the overarm, Induma, of Milan, Italy, has produced a copy milling machine which is claimed to give a rigidity and metal removal rate approaching that of a fixed bed machine at a price comparable with a conventional knee type machine (under £20,000).

Called the FC/8, it has only two movements on the knee—longitudinal and vertical. The table is kept close to the knee with a minimum of overhang, enabling the machine to take high table loadings—500 kg.

All three axes of movement are hydraulically actuated, powered from a free-standing pack. The machine may be automatically controlled by the feeder of the tracer unit following a template—the feeder can also be used to manually control table movement. Longitudinal travel is 700mm; cross movement and vertical 120mm—a further 300mm vertical movement can be obtained manually.

Driven by a 5hp motor, there are 16 spindle speeds in the range 80 to 2,500 rev/min. The mill has 17mm travel, with either manual or automatic feed.

Available in the U.K. from RK International Machine Tools, Phoenix Trading Estate, Phoenix Road, Erith, Kent. (01-824 5411)

## HEATING

### Mini-cooler is ready to market

WITH FINANCIAL support from the National Research Development Corporation (NRDC), a new cooling or combined heating and cooling system is being developed by Constant Air Systems of Harrow. A pilot plant has already been constructed which will enable a comprehensive test programme to be carried out.

This development is an extension to the Casaire high temperature, high velocity (HTHV) system developed by the company in 1972. NRDC support at this stage, will ensure that development time for this next step will be substantially reduced.

The existing HTHV system is based on a direct-fired gas air heater with distribution of the hot air at high velocity through small insulated ducts serving venturi induction diffusers. The air heating plant is designed to operate with outputs ranging from 10m. BTU/hour (75 kW) to 100m. BTU/hour (2,950 kW) with a net thermal efficiency of 100 per cent, and a modulation control of 25:1.

In operation, the venturi diffusers entrain air from the hot primary air supply from the gas-fired heater and then direct the warmed air to produce a uniform temperature distribution throughout the working space.

In the new cooling system the temperature of the cold primary air supply may be as low as 40 degrees F (5 degrees C) and this will allow the system, when compared with conventional systems, to operate with lower air flows in smaller vapour sealed ducting—thus reducing insulation costs.

Go conventional systems, it is usually necessary to duplicate the ducting so that the air can be circulated back to the central plant. This duplication is not required with the Casaire high velocity, low temperature (HVLT) system, since the venturi diffusers effectively mix the re-circulated air with the cold primary air supply.

Patent protection for the system is being sought in the U.K. and 39 overseas countries and the company is now actively marketing complete cooling or heating and cooling systems, worldwide.

Further data from Casaire at Rye Brook House, Northolt Road, Harrow, Middx. HA2 0DY. 01-854 0285.

## PLASTICS

### Nylon can be blow moulded

AN ALL acrylic polymeric additive has been developed by Rohm and Haas in the U.S. It substantially increases the dry (as moulded) impact strength of nylon 6—and when it has been conditioned by absorbing 24 per cent water the impact strength is twice that of polycarbonate.

Although this aspect of the development is important because it enhances the engineering applications of nylon 6, a characteristic of the new material which is likely to have considerable commercial implications is that nylon 6 with the additive (designated KRT25) can be blow moulded. This has been almost impossible to carry out with unmodified nylon because, among other problems, the melt viscosity was too low to achieve satisfactory parisons.

British Industrial Plastics (a Turner and Newall company) has the exclusive licence to manufacture the new copolymer in the U.K. To be marketed as Beetle Nylon AC1, its price is about 20 per cent higher than unmodified grades.

BIP says the new material, because of its high impact strength, is directly competitive with polycarbonate and glass reinforced thermoplastics.

It can be injection moulded (where the same strength can be achieved with less material), or profile extruded for items such as gear wheels. Blow moulded, the combined properties of impact strength, chemical resistance and low gas permeability makes the material suitable for petrol tanks, hazardous chemical containers and vandal proof components.

More details from BIP, PO Box 11, Tet Bank Road, Oldbury, Warley, West Midlands B69 4NF (021-582 1551) or Rohm and Haas (U.K.), 2 Mason's Avenue, Croydon, CR9 3NB (01-886 8844), 01-854 0285.

## COMMUNICATION

### Finding the sources of radar

AT MULLARD Research Laboratories, a vehicle-based microwave receiving and signal processing system (MIRANDA) has been designed, for intercepting and analysing radar transmissions in the 1.5 to 18.5 GHz band. The equipment has direction-finding facilities, records data on all radars detected and enables sources to be identified and located by correlating the information recorded from different receiver sites.

Microwave sensor equipment has two wide-band channels. One is omnidirectional and ensures that all signals above the threshold of the system are detected irrespective of their frequency and position. The other is fed from a narrow beam directional aerial which can be steered on to particular sources. Carrier frequency, duration and amplitude of all pulses received in both channels are determined digitally during the pulse dwell.

Frequency and direction of signals within the main directional beam are displayed in real time on a CRT. Signals outside this range are shown with frequency plotted against pulse duration and a signal can be selected for further analysis. The stored signal parameters are displayed on numerical indi-

## ICL bow

### scientists

BY TAKING the process the larger 2980 model using items from the 2970 system, ICL has the 2980 which has a good deal of new software on the basis of a new aimed at scientific and other large-scale applications.

Uses will occur with a single massive for example, in orbit simulation in aerospace linear programming and steel industries industrial forecasting.

But the system expected to find universities and laboratories where jobs are handled—matrix handling to cut the 30 and 70 in price between £1,750,000 and £2,900,000. ICL's interest in users 2,900 machines is the announcement by ICL new pieces of software, by agreement with the burgh Regional Computer Centre, where they were developed, are the 2980 jobs, Fortran 6 compiler, ICL, which expects per cent of 2978 sales universities, with the R commercial and Go scientific or specialist has to date sold 20 of the 2970 models and eight bigger 2980.

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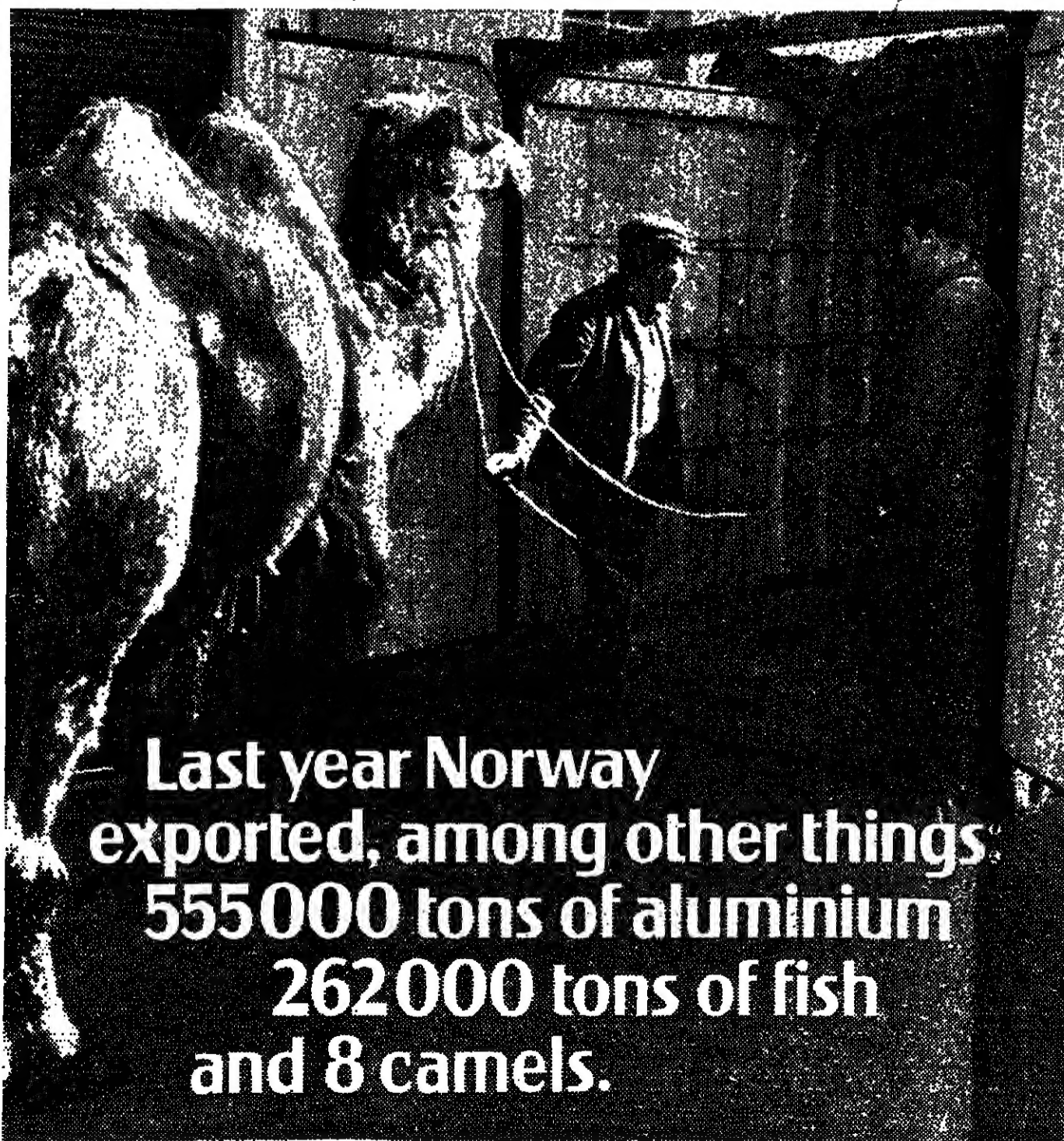
## AUTOMATIC

### Monitors process variables

SIEMENS has introduced M72145, designed to monitor set point limits of variables.

It will monitor any represented by standard limits of 0 to 20 to 20 mA or 0 to 1 mA. The of the monitor is used to alarm conditions or, for initial final control or such as actuators or circuits. The output circuit loads up to 50 watt to 25V or a maximum current 5 amps AC.

Set point limit is adjustable on a percentage of the process variable. The range is 150 x 12 x 54 x 12 mm. The monitor is used for Ind more from Great West Bedford, Middlesex TW (01-588 9133).



Last year Norway exported, among other things:  
555 000 tons of aluminium  
262 000 tons of fish  
and 8 camels.

How about that! Camels, from Norway? There are probably a few things you didn't know about the commercial side of the Land of the Midnight Sun. But our International Department knows. It's part of their job to know. So if your customers ask you about the possibilities in Norway — you ask us. And we'll tell you everything worth while, — including camel possibilities.

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# Strong criticism of Lonrho directors

**LONG-AWAITED** Department of Trade report into affairs of Lonrho, the mining and industrial group, contains criticism of members of principal directors and of joint auditors Marwick, Mitchell & Co. and Fuller Jenks Beeroff.

report, instigated by Mr. Heath in May 1973, he was Prime Minister, refers to the exceptional character of chief Mr. R. W. "Tiny" Heyman, QC, and Sir A. Shimmings—conclude that the company is a large, successful, and well-managed one. He is a man who has negotiating ability, initiative and personal measure coupled with energy to apply his

go on to say that "Mr. Duncan has a great deal of knowledge of the company and its share, but his achievements are the greater if he will be enthusiastic to operate the ordinary processes of management."

Lord Duncan-Sandys, the directors refer to the arrangements and compensation of £130,000 paid to him as chairman in 1972. He states that "his lack of interest was a factor in the Board as a whole in 1972."

consider, therefore, that the impact that the discovery of this matter on the Board in 1973, report, in its references, Angus Ogilvy, says he is diligent in fulfilling his duties as a director of Lonrho. He states that "the severe criticism of Mr. Ogilvy is the opinion that he is not."

## Chairman

lar criticisms are levelled at Mr. Ball, who was chairman of the company from September, 1971, until the Board resigned in April, 1972, when he was the role of executive chairman.

particular the inspectors criticise his failure to discharge his duties as chairman in relation to approval of Mr. Rowland's option rights in April, 1972.

on to say that "We are of the opinion that Mr. Ball's activities in Rhodesia are of a serious nature and that he should resign. It is the opinion of the Board that Mr. Ball should resign."

## Rumours

the following day Mr. Ball wrote a letter to the Board in which he stated that he was not resigning and that he was not aware of any rumours.

you know, I have given repeated assurances about various ill-founded and false rumours which have been circulating in the City. It is our duty to ensure that the middle of a vicious campaign and it is little that we can do it except for each member of the Board to do his best to repair any damage which may have been done to the Company.

the meanwhile I really feel that we must now concentrate on the successful running of the Company and do far less valuable time on these absurd rumours.

Ogilvy accepted Mr. Ball's resignation and remained as director of Lonrho, the group.

weeks later in February, there was a meeting in London at which Mr. Duncan-Sandys, Mr. Ball, Mr. Butcher, and Mr. Heyman were present. Mr. Duncan-Sandys was instructed to form a committee to investigate the affairs of the company.

company was duly formed in March, 1974, and the South African exchange control authorities were asked to issue a licence to the company to acquire shares in the Bank of Rhodesia.



Mr. Edward du Cann, director (left), and Dr. Khalil Osman Mahmoud, also a director of Lonrho, at a conference on the report.

Lonrho acquired control of 9 In August 1972 Mr. Ogilvy had further thoughts of resignation. Mr. Rowland visited him in hospital. According to Mr. Ogilvy's memorandum, he felt that he had let himself down, and if he resigned he would resign. After further discussions Mr. Ogilvy agreed to stay until the date of the next AGM.

10—Before the date of the AGM, however, the boardroom dispute broke out in public and on the advice of Mr. Lampard, his solicitor and alternate on the Lonrho Board, Mr. Ogilvy resigned from the Board on April 19, 1973.

## Marriage

According to Mr. Ogilvy's evidence he was aware from the date of his marriage in 1963 onwards of the dangers to his reputation of remaining associated with a company which was deeply involved in the politics of both black and white Africa and he had considered resigning from Lonrho from time to time.

Mr. Ogilvy submitted a memorandum to us setting out the occasions on which he contemplated resignation and the reasons why on each occasion he did not resign. We have summarised this memorandum as follows:

1. He had considered resigning in December 1968 at the time of his correspondence with Mr. Ball over bribery and corruption and sanctions breaking but had not done so since he thought that his resignation would lend credence to the rumours that were in circulation.

2. In June 1970 he was invited to return to the Drayton group on a whole time basis and on July 14 1970 he agreed to do so. He did not resign immediately, however, since the Lonrho share price was weak and he thought that he would be "rocking the boat".

3. He considered resigning in August 1971 if Mr. Rowland would not take steps to rectify the worsening financial position of the group but did not do so in fact since he was on the board until he returned from a trip that he was due to undertake to the U.S. at the end of September.

4. He considered resigning on September 15 1971 when the board were informed that Mr. Rowland had in fact purchased the whole of Wankel. All we had authorised was the purchase of an option. He did not resign, however, for the same reason as in (4).

5. He considered resigning after Mr. Butcher's arrest at the end of September 1971 and again in October 1971 when the misleading circular relating to Wankel was issued to shareholders but did not do so since he thought it preferable to stay on the board until he was able to ensure that the facts were brought in to investigate the affairs of the group.

6. He considered resigning early in 1972 when Peats' report was completed but did not do so since according to him Duncan-Sandys made it a condition of accepting the chairmanship that Mr. Ogilvy should remain until June 1972.

7. When June 1972 came the hearing in South Africa of the case against Mr. Butcher had been postponed until July and Mr. Ogilvy thought it inappropriate to resign.

8. So he said "Well, believe it or not you can see the letter of resignation." He walked back into Alan (sic) and he said that he wanted to be alone with Alan. I was very upset because that changed the picture largely, so I waited for a quarter of an hour because I was recovering from this blow which I was not expecting, and I then walked into Alan's room and Alan said

"Duncan is in the Boardroom, he is resigning." "I walked into the Boardroom and there was Duncan Sandys with Christine Downes, dictating a letter of resignation. I said 'Duncan, before you sign this letter, just before you do, do you mind if we ask Christine Downes to go and leave the room?' "So he said 'No, but I am going away. I have got to do this. It is the end, Tiny, I am afraid.' So I said to Duncan 'Let me make one thing crystal clear, Duncan. If you are resigning because of Angus's letter, if you feel that it is now eight to seven and you want to weaken my position further by making it eight to six and Edward making it eight to five, and Tom Prentice making it eight to four, I would like you to know one thing."

"Pressure"

"If you felt that—because it is 12 against four against me, I have got an injunction and I am allowed to turn up in court on May 4—I would want you to know this, that if there were 15 resignations, or 15 names on a resolution to discharge me I will still go into open court, and whatever charges 15 people bring against me I will appear, because that is something nobody can take away from me."

"So if this is a case of avoiding publicity your resignation which you said you were about to give to me will not stop publicity, because in open court I would defend myself. I have nothing to be ashamed of. If you think that I have spent my entire life with Lonrho all these years and then that on the forecourt, and I drove people—"

"kiss me out, to

take me over, you have got the wrong man. If they can prove 20 murders and they have got photographs . . .

"I remember saying that to Duncan Sandys—and they stage these murders for me on May 4 if I am alive I will appear in Court. So if you sign that letter this does not in any way stop me from going to Court."

So he said to me "Wait a moment. He walked up the passage where Wilkinson and Gerald Percy were waiting, and that is why I feel there was a degree of conspiracy."

He spent about half an hour with Wilkinson and Gerald Percy, then came back into my room, closed the door and said to me "Tiny, I will think about it this week-end, but in the meantime I will not resign."

Now, why I mention this is because when I saw Angus just before he started writing him these letters and he used to ring me once a week or once every five days and say "Look, anybody with you?" and "How are things?" and so forth, until very recently—I know that his resignation was timed to give me the coup de grace, and he told me this, when I said to him finally, when I took him home the other night, "Why Angus? Why?" and because my wife, I told you, at one o'clock, two o'clock in the morning when I asked Angus in front of her (and she is a very simple girl), he said "Well, I thought it would be in everybody's interests if there were no proceedings in Court."

"Get out"

My wife said: "But Tiny will be dismissed. We would have to leave England and he would be totally discredited."

So he said "Yes, but in everybody's interest I think." So she said "I do not want you to come back to this flat over, Angus. Get out."

Angus and I then stayed on. He had a brandy and I had a brandy, I think for an hour and a half or two, and then we went downstairs and walked round the block two or three times looking for a taxi and there was not a taxi, and I left my car back on the forecourt, and I drove him back.

I said to him: "When did you

observe that "it is our opinion that Mr. Rowland was at times indicated more closely involved in matters relating to financing and in consequence the development of the Inyati and Shamrock copper mines in Rhodesia than was consistent with the terms of U.K. sanctions legislation."

Severe criticism is levelled at previous chairman Mr. Ball for lending his authority and approval to the use of group funds for the development of Nyaschere partly for the benefit of Mr. Rowland and partly for the benefit of the family trusts established for Mr. Ball himself and Mr. Ogilvy without the authority and approval of the Lonrho Board as a whole or shareholders. The belief that the financial relationship that developed between himself and Mr. Rowland "sapped his independence."

Criticism of Mr. Ogilvy is perhaps more severe. "In our view Mr. Ogilvy's conduct as a director in either supporting or recommending or acquiescing in these actions without disclosing the interest that he was expecting to derive therefrom was improper and merits severe criticism."

It is also said that Mr. Ogilvy sought to disclaim any responsibility for Rhodesian matters. Mr. Ogilvy "was negligent in fulfilling his duties as a director of Lonrho to an extent that merits severe criticism."

Blame for authorising Mr. Rowland's "unlawful loan accounts" was directed at chairman Lord Duncan-Sandys and the finance director Mr. West. "In our opinion neither discharged his duty and both attempted to shirk their responsibility on to others," the inspectors have said.

The inspectors in their conclusion said it would be quite wrong to not acknowledge Mr. Rowland's achievements. In his evidence to one of the inspectors, Mr. Rowland, in referring to Lonrho, said that "You see, Mr. Heyman, the past and I have got an idea what the future could be depending on whether you want to kill it. But by God, it has got one thing, and that is it has got a protector and that is me."

"In other words, anybody who wants to kill that company has got to have a sub-machine gun, mortars, guns, all sort of ammunition, because I am going to protect it to the bitter end. Believe me, Mr. Heyman, in me you have got somebody you have got to fight when it comes to Lonrho."

Department of Trade—Lonrho Limited. Investigation under Section 165 (4) of the Companies Act 1948. Report, Stationery Office, £13.30.

## Mines

On the subject of U.K. sanctions legislation, the inspectors



Lord Duncan-Sandys (left) and Mr. "Tiny" Rowland.

the board of that company at Mr. Ball's request. The cost of Mr. Ball's flat of £110,000 was almost identical to the sterling equivalent of the \$US\$280,000 which Mr. Rowland paid Mr. Ball in July 1970—equivalent at the exchange rates then ruling to about £108,000—but according to Mr. Ball there was never at any time any intention that this sum should be used to pay for his flat.

## Sanctions

During 1970 the development of Nyaschere's Shamrock mine proceeded rapidly.

By September, 1970, the projected level of output had been raised from 30,000 short tons of ore per month and the capital commitment falling on the Lonrho group had been raised



Mr. Angus Ogilvy—another of the criticised directors.

accordingly to Rh\$5.1m.: the actual funds advanced by the Lonrho group to Nyaschere grew from Rh\$1.05m. at September 30, 1970, to Rh\$3.975m. at September 30, 1971, and to Rh\$5.220m. at September 30, 1972.

The full extent of the sums advanced to Nyaschere was not known to the Lonrho Board as a whole since the Board had ceased to discuss Rhodesian matters formally in view of U.K. sanctions legislation but it was known to Mr. Rowland, Mr. Ball and Mr. Butcher.

A substantial part of the group's funds in Rhodesia used to develop Nyaschere was derived from Rhodesian Spinners and was made available for this purpose contrary to the undertaking given to the Bank of England by Mr. Ball through Warburgs in 1968 at the time at which

CIRCULATE		
POSITION	INITIAL	DATE
MANAGING DIRECTOR	BER	MON 5th
FINANCE DIRECTOR	JEF	MON 5th
SALES DIRECTOR	ST	Tues 6th
COMPANY SECRETARY	R	6/1/76
MARKETING MANAGER	J.W.	Wed 7th
CHIEF BUYER	R.B.	Thurs 8th
PERSONNEL OFFICER	B.R.D.	FRI 9th

# How to miss opportunities

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# PARLIAMENT



## Lords seek ways to streamline their work

By John Hunt

THE HOUSE OF Lords has agreed to set up a Select Committee to consider ways of streamlining its practices and procedure and to make recommendations for the more effective performance of its functions.

The agreement was reached between the two Front Benches in the Lords yesterday as a further attack on the Upper House was made in the Commons.

Mr. James Callaghan told MPs: "I have never felt that the House of Lords was truly representative of the fine flower of democracy in this country."

The Prime Minister said he would be ready to consider any proposal to abolish the House of Lords but, at the same time, he was not proposing that such an attempt be made.

He recalled that in 1963 he had been badly stung when he attempted such a reform and said that he would be rather more careful before making the attempt again. Given the history of this country he thought there was a place for a second chamber.

The Select Committee on Lords Procedure will run parallel to the one now sitting on the Commons. It is likely to take about 18 months to report and will hold a meeting before the summer recess.

Among the items likely to be considered are the dates when the House sits. At the moment it always rises by the beginning of August, a custom which stems from the time when peers were predominantly agricultural and had to be back on their estates for the harvest.

Some kind of pre-legislation scrutiny will also be discussed. The feeling is that peers should have a chance to give their views about the form a Bill should take before a final version is drawn up for presentation to the House.

The method of procedure on Private Bills will also come up. The committee will not be concerned with overall reform of the Lords. The powers of the Upper House and its relationship with the Commons will not be within its terms of reference.

**Selby coalfield gets go-ahead**

By Roy Hodson

THE recently-discovered Selby coalfield in Yorkshire is to become one of the world's biggest coal mines, at a cost of £400m. Mr. Anthony Wedgwood Benn, Energy Secretary, told the Commons yesterday.

Selby, one of the richest coalfields discovered in Britain, may eventually be followed by another new coalfield in Nottinghamshire which the NCB has found.

Government financial approval for Selby means that the National Coal Board can begin to build a modern mine complex with five pairs of shafts.

It is estimated that there are at least 400m. tonnes of recoverable coal, giving the pit a life of some 40 years at an annual production of 10m. tonnes. The total labour force will be about 4,000. Selby is expected to be achieving full production about nine years from now. By that time, it is expected that the Central Electricity Generating Board will have built a second 2,000 megawatt power station on top of the coalfield and alongside the existing Drax station.

The whole investment will add up to a power generation complex providing 5 per cent. of all Britain's needs from indigenous fuel.

# Healey expects fall in unemployment

BY JUSTIN LONG, PARLIAMENTARY CORRESPONDENT

INCREASED INDUSTRIAL production and growth, expanding exports and the prospect of unemployment coming down to 3 per cent. in 1979 were underlined by Mr. Denis Healey, Chancellor of the Exchequer, in a buoyant account of economic recovery with which he opened two days of debate in the Commons on Government policy.

Deriding the Tories for what he called the "sullen and grudging support" they gave to the pay agreement with the unions, Mr. Healey also felt able to assure his public expenditure critics on the Labour side that unemployment should be falling before the end of this year.

Already, it was lower than pessimists had been predicting last year, he maintained, and—ridiculing interruptions from the Tory benches—he went on to assert that the public sector borrowing requirement would be somewhat lower than the £12bn. he had forecast in his Budget.

On the other hand, the increase in commodity prices had come in more sharply. It meant that the 10 per cent. rate of inflation would not arrive quite so soon as had been hoped.

**Control**

Nevertheless, the year-by-year increase in the retail price index should still be down to the levels experienced internationally by the end of 1977.

And the Chancellor gave the further assurance that if it became clear that the growth in the money supply needed restraining, appropriate action would be taken at the appropriate time.

But Mr. Healey took credit to himself for having kept the economy under "strict control" ever since he had become Chancellor.

In this and other policies, he contrasted his efforts with those of the Tories when in office, deriding them for what he considered their failure to control the economy.

**Sir Geoffrey clashes with Left**

SIR GEOFFREY HOWE, shadow Chancellor, said the present Parliament had heard some disgraceful speeches from Mr. Healey, but he had reached a new low.

"The Chancellor has told us precisely nothing. One can only reach the conclusion that there must be all sorts of strange developments in the Cabinet and the Treasury which made it impossible for him to tell us anything further."

Sir Geoffrey tangled with Labour Left-wingers and there were angry scenes when he suggested that some of them "wanted to go beyond the Iron Curtain" for an economic system.

Mr. Eric Heffer (Lab., Walton) demanded that Sir Geoffrey withdraw the comment, which he described as a "sneer".

Mr. John Mendelson (Lab., Penistone) repeatedly challenged Sir Geoffrey, and the clash intensified amid shouts of "Dirty coward" and "yellow coward".

Mr. Brian Sedgmore (Lab., Luton West) told Sir Geoffrey

that he was not only the average rate of inflation for the EEC.

But the Chancellor added: "I would not be surprised to find that the rate of inflation in other countries will move past our in the coming winter."

The official index of industrial production had risen faster than expected in recent months. The CBI took the view that a rapid recovery was in progress.

**Exports**

Exports were also growing faster than expected and unemployment should be lower. The public sector borrowing requirement should also be less than the amount forecast in the Budget.

Growth was faster and was consistent with getting unemployment down to 3 per cent. in 1979. To maintain this progress would require removing industry's monetary policy to make sure it did not fuel inflation.

Mr. Healey said the most important factor in reducing bottlenecks in industry was the maintenance of a steady flow of supplies. This had been achieved by a dramatic fall in the number of days lost through industrial disputes.

"The increase in gross domestic product over the coming year is likely to be 5 per cent. as opposed to the 4 per cent. forecast in the Budget. The increase in industrial output should be 9 per cent. as against the 8 per cent. in the Budget."

Mr. Healey said the previous Tory Government's handling of the nationalised industries and their profligacy over the money supply, had been a major cause of the inflation with which the Labour Government had been wrestling for the last two years.

He claimed the Tories had lost the power to excite even the most feeble interest in their activities. They seemed to want some of the popularity of the pay policy without saying they agreed with it.

He admitted that inflation destroyed jobs, that profits were important to prosperity, but said he had formed his views purely in the light of the scenes during the controversial vote on the Bill to nationalise the aircraft and shipbuilding industries when "the chamber was filled with a choral rendering of the Red Flag."

Sir Geoffrey spoke of Mr. Healey's Marxist past—he was once a member of the Communist Party—and suggested that sometimes Mr. Healey's conversion seemed to be only skin deep.

This prompted Mr. Mendelson to comment: "No one is safe from your sneers."

Sir Geoffrey said Mr. Healey had talked of the divisions in the Tory ranks but the Labour party was increasingly becoming two parties.

Mr. Healey said that he would never be able to carry with him the half of the Labour Party price dedicated to the overthrow and destruction of the mixed economy.

But Sir Geoffrey said he was encouraged that the Chancellor

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# Need to rein back accepted, says PM

BY IAN HARGREAVES, LABOUR STAFF

THE PRIME MINISTER took a firm line in the Commons yesterday over the Government's plans for further extensive cuts in public expenditure next year in addition to those already announced in the February review.

Mr. Callaghan thought the British people would understand the need to "rein back for a year or so."

He strongly emphasised the need for British companies to ensure that their investment overseas was not made at the expense of their activities at home. He also urged companies to repatriate overseas profits to the U.K. as far as possible.

On the domestic front, he indicated that at today's meeting of the NEDC, he would be asking the CBI to ensure that the bigger investment relief given in the revised Price Code was genuinely spent on new plant and machinery.

During the exchanges, the Government's proposals for expenditure cuts came in for surprisingly little criticism from Labour Left-wingers.

Mrs. Barbara Castle, former Social Services Secretary, argued that continual chopping and changing in spending plans was demoralising and wasteful. She wanted to know exactly what had taken place since last February's plans out of the window.

The Prime Minister told her bluntly that in considering public expenditure, Governments had fallen into the error of examining major increases in terms of the resources required instead of looking also at the level of financing required.

"It is this correction that has to be made at the present time," he said.

He said that he had changed about the Government's expenditure plans for 1978-79. It was next year's public expenditure that was under consideration.

Mr. Ron Thomas (Lab., Bristol) said that British investment was not growing and other side of the so-called "innovating" so-called "entrepreneurs" were the most generous of any industrialised nation.

Yet our companies failed to invest in Britain while still pouring out "thousands of millions of pounds" for investment overseas.

The Prime Minister replied that he thought it worth investigating to what extent British companies with direct investment overseas needed to maintain their level of investment or to maintain their profits abroad.

"This is a matter I have been looking into very carefully. Necessarily, there is a very high level of investment overseas. But we ought to make certain that it is profitable investment and that profits are repatriated back as far as possible after the investment takes place," he added.

**Profits**

On domestic investment, he said it was true that the Government and its predecessors had found that giving additional allowances had not encouraged investment to the degree that was expected.

The National Enterprise Board was trying to help the schemes it was producing.

The Government was very concerned to ensure that adequate profitability and liquidity were maintained. This was essential if it were to succeed.

Mr. Eric Heffer (Lab., Walton) asked what specific steps would be taken if the companies receiving investment relief did not actually invest.

Mr. Callaghan agreed that this was an important question on which he would be seeking the advice of the CBI at the NEDC meeting. Lord Watkinson, president, had already made it clear that the CBI wanted to encourage companies to undertake a higher level of investment.

If this did not succeed, Mr. Callaghan said, then the Government would have to wait for the coming year. He could not forecast what would happen.

# Proposals on Secrets Act reform

BY OUR LABOUR STAFF

THE NATIONAL UNION of Blastfurnacemen committed itself at its conference at Llandudno yesterday to 50-50 trade union representation on the Board of the British Steel Corporation.

Mr. Hector Smith, the union's general secretary, said it would support the TUC line of 50-50 Boards, so long as individual workers were given the right to nominate their own representatives without interference by the employer.

It would not be acceptable in the steel industry, he added, for

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# LABOUR NEWS

## Union calls talks to-day on bread strike threat

BY IAN HARGREAVES, LABOUR STAFF

TOP-LEVEL talks will be held today in an attempt to avert a strike by 12,000 employees of Allied Bakeries, one of Britain's big three bakeries.

The Bakers' Union has instructed its member at Allied, responsible for producing about a quarter of the country's bread, to stop work at 6 a.m. on Friday in support of an official strike by 320 people at the Sharrlocks bakery in Manchester.

Faced with this threat, the Federation of Bakers yesterday stepped into the dispute. It stated that it could not elude a federation member isolated in the face of industrial action and that it had invited the union to discuss the matter to-day.

There was no comment from said last night that the agree-

ment had been put in form and that he regarded the company's attempt to pay the kind involved at \$ were widespread in the believe that the was looking for confor knock away local perks.

There was no question of calling out workers there were present members to stop work.

In the last big hike in 1974 the union rank consistently took a me tant line than the Bakers' earn a basic \$ 40-hour week.

At the Sharrlocks bakery, it was said that employees made ad hoc arrangements with a manager to cover undermanned sections and meet order deadlines in return for a cash bonus.

Mr. Sam Maddox, general secretary of the 54,000-strong union, said last night that the agree-

## New Rover assembly stops as workers complain over heat

BY PETER CARTWRIGHT, MIDLANDS CORRESPONDENT

PRODUCTION OF British Leyland's new Rover 3500, which is trying to meet £17.5m. worth of orders, was halted yesterday after a one-day walk-out by workers at the plant in Solihull.

Jaguar lines at Coventry were down to a trickle because of a dispute involving seven workers. More than 3,000 men are laid off.

Although the Rover men work in Europe's most modern assembly plant, costing £22m, port and General Workers to the 270 in the paint shop walked out for the fourth time in eight days complaining of the heat.

"This time they were joined by 1,500 assemblers. This brought production to a standstill with the estimated loss of 24 cars."

In the hottest parts of the paint plant like the undercoat section, the temperature has been hitting 100 degrees and the have proposed coming in at the usual time of 7.30 a.m. and working straight through a six hour shift to 1.30 p.m. instead of doing

an eight hour shift broken by mealtimes and relief breaks. The management pointed out that this would cause assembly to get out of phase and instead offered extra relief time, which was turned down.

Production of Jaguar cars was almost brought to a standstill by the continuing dispute over seven men in the press shop who have left the Trans-assembly plant, costing £22m, port and General Workers to the 270 in the paint shop walked out for the fourth time in eight days complaining of the heat.

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The seven who are refusing to obey an instruction from the executive committee of the AUEW to accept alternative work that management has offered are expected to meet to-day to consider future action.

## Tory crash course on 'tricks of Left'

BY DAVID CHURCHILL, LABOUR STAFF

CONSERVATIVE Central Office plans to give about 70 trade unionists a crash course early next month in tricks used by the Left—wingers—to dominate union branch meetings.

Delegates to the week-end course at the Tories' conference centre at Swinton, Yorks, will be addressed by Mr. James Prior, Conservative Employment Secretary, as well as Mr. Jim Mordimer, chairman of the Advisory Conciliation and Arbitration Service.

According to Conservative headquarters yesterday, Mr. Mordimer will stay on the role of ACAS in settling industrial disputes. But his attendance at the Tory meeting could lead to some trade unionists questioning ACAS' independence.

Mr. John Bowls, head of the Conservative Trade Union Department, explained yesterday that the course would be the first of many in various parts of the country to give Tory trade unionists guidance in running union affairs.

Delegates will be held that the Tories' "feedback" of grass-roots opinion on Conservative policies towards unions.

One issue will be how far the Tories should become involved in supporting moderate sandi dated in union elections, after that controversy earlier this year when lists of moderates were published by Central Office.

Delegates to the first course have been chosen by local constituency associations, who have also paid part of their fees. But later courses may be opened to rank-and-file Tory trade unionists.

**Blastfurnacemen back TUC line on Boards**

BY OUR LABOUR STAFF

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# FINANCIAL TIMES SURVEY

Wednesday, July 7 1976

## Vans and Light Trucks

The U.K. remains a strong manufacturing centre, but competition is increasing, especially with the Japanese arrival on the market. The trading performance of the industry is patchy and although registrations this year will not be high, recovery should take place on the back of the car market revival.

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erry Dodsworth

Industry Correspondent

DING TO some of the estimates, commercial manufacturers will be to sit out yet another

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Ford's Transit output

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Land Rover production

lines, which pushed output to record levels of well over 50,000 units last year as the company shifted workers from cars to the adjacent Land Rover assembly. Both these companies have been able to take up the slack by pursuing export business, the Transit gradually building up its penetration in Europe, and the Land Rover making more and more headway in third world markets.

In general terms, however, both car-derived vans and pickups and the medium trucks sector of vehicles weighing up to 3.5 tons gross vehicle weight are suffering from the depressed market this year. The vans and pickups business, having just topped 100,000 sales in 1975, slipped back to 72,000 in 1976, and is off again slightly this year, although there are hopes that it has bottomed out and will achieve roughly the same level as last year. The medium sector, which achieved about 90,000 sales last year, could easily be off by about 5,000 units this year.

Such reverses were inevitable against the background of the current business recession. The light commercial vehicle industry is heavily geared towards the buoyancy of the consumer trades, and it is a feature of truck markets that the recovery of consumption after a recession first feeds through into motor car buying and is then followed by other sectors. When those begin to move, and industry requires more vehicles to move goods around, and can afford to replace old ones, the commercial vehicle manufacturers are

dragged back up with the general trend.

Despite the difficulties of the market, however, there have been some interesting product developments over the last two years. The most marked innovation this year has been the new Volkswagen LT truck, powered either by a petrol engine or a Perkins unit, and clearly designed to hit the top range of the Ford Transit and the same company's A series. In Germany it will also be a contestant for the market now dominated by the light trucks which Mercedes developed after the takeover of Henschel-Hanomag had taken it into this sector of the market.

### Expansion

The LT has sold quite well in Britain after a large-scale—and presumably quite expensive—expansion of its dealer network. There have been some doubts as to whether its cab-over design, which means that the cab has to be lifted to service the engine, is the right approach for this market, however, and in Britain at present VW has a hard struggle with prices because of the high rating of the German mark. Hence in total its sales are slightly down this year—at 2,497 against 2,826—against the first five months of 1975.

The most spectacular entry into the light commercial market has been by Datsun, the Japanese manufacturer better known in the U.K. for its successful leadership of the car importer league. Datsun, of course, like its great Japanese rival Toyota, is a very large-scale manufacturer of commercial

### NEW REGISTRATIONS OF NEW GOODS VEHICLES IN THE U.K. BY MANUFACTURER

Manufacturers	Car derived vans and pickups		Other goods vehicles up to 3.5 tons (includes light 4 x 4s eg Land-Rover)	
	January-May 1976	January-May 1975	January-May 1976	January-May 1975
<b>BRITISH</b>				
Bedford	5,293	6,426	5,656	7,174
British Leyland	13,649	15,745	9,561	9,867
Chrysler	—	—	2,229	4,902
Ford	9,242	6,991	14,242	17,648
ERF	—	—	—	—
Foden	—	—	—	—
Seddon Atkinson	—	—	—	—
Others	—	10	30	34
Total British	28,184	29,172	31,518	39,923
<b>IMPORTED</b>				
DAF (Holland)	—	22	—	—
Chrysler (France)	1,544	2,711	—	—
Citroen (France)	26	97	—	—
Peugeot (France)	—	—	93	70
Renault (France)	648	728	—	—
MAN (FGR)	—	—	—	—
Magirus Deutz (FGR)	—	—	—	—
Mercedes-Benz (FGR)	—	—	452	416
Volkswagen (FGR)	—	—	2,497	2,826
Fiat (Italy)	—	—	714	807
Datsun (Japan)	1,347	3	—	—
Mazda (Japan)	—	—	508	609
Toyota (Japan)	—	—	928	1,396
Moskvich (USSR)	207	278	—	—
Scania (Sweden)	—	—	—	—
Volvo (Sweden)	—	—	—	—
Others	2	8	64	58
Total imported	2,774	3,853	5,286	6,182
GRAND TOTAL	31,958	33,025	37,104	46,107

vehicles, and because of the peculiarities of the Japanese road system, these tend to be concentrated in the lighter sectors: indeed, the Japanese do not make any really heavy trucks like the Europeans.

evidently decided to switch tactics: this year, the company's car sales have been held steady, but at the same time its pickup registrations have gone from three in the first five months of 1975 to 1,347 this year.

On a world scale it is true to say that the Japanese companies today dominate pickup manufacturing, once quite a strong feature of the European industry. Where the Japanese have scored most is in the U.S., a large market for these open rugged vehicles, which are often used for holiday-making in more inaccessible terrain. Datsun has also shown itself to be extremely deft in exploiting the market in the Middle East, where pickups are now used very much as traditional all-purpose beasts of burden. Nomadic tribes are even said to transport their camps and equipment by pickup to-day rather than the camel, and Datsun has certainly made a strong impact with the vehicle in Saudi Arabia.

Within the U.K. Mazda and Toyota have also made some impression in light commercial vehicles, the latter being particularly successful with its motor home van. But so far this year, they have suffered from the downturn in the market and the recovering strength of the domestic British producers: Toyota, for example, has sold 928 vehicles in the first five months of 1976 against 1,396 last year.

The signs are that competition within the U.K. and Europe will intensify in this sector of the market. Although profit margins on light commercials are obviously much lower than on

the prestige big trucks, these vehicles cover by far the largest sector of the market in terms of unit turnover, and in recent years European manufacturers have been turning their attention towards rationalising their product ranges.

Ford has possibly made the running on a European scale. With the emergence of the Transit, in 1965, it developed a vehicle to underpin the whole of its commercial range, and by the flexible use of two wheel-bases and a variety of engines, managed to extend the vehicle up to 3.5 tons gross vehicle weight, above which users have to have a special operators' licence. This was followed by the A Series truck, which was basically an operation in "niche-filling" spotting a gap in the market and providing a tailor-made product for it. The point about the A series is that it covered the gap between 3.5 tons gvw and 7.5 tons gvw, a small sector in terms of volume, but quite important since 7.5 tons is the break point above which drivers must have a heavy goods licence.

### Strategy

Above this Ford developed the "D" Series truck which in a variety of configurations expands all the way up to 28 tons, but in its lightest form can just be fitted in below the 7.5 ton level.

These vehicles have also given Ford manufacturing almost entirely in Britain, a range with which to tackle Europe. Its strategy has been

to go in with the Transit to build up its commercial vehicle franchise, and gradually tag on its other products, and this has been achieved with some success. In Italy, for example, the diesel Transit now accounts for virtually a third of the market.

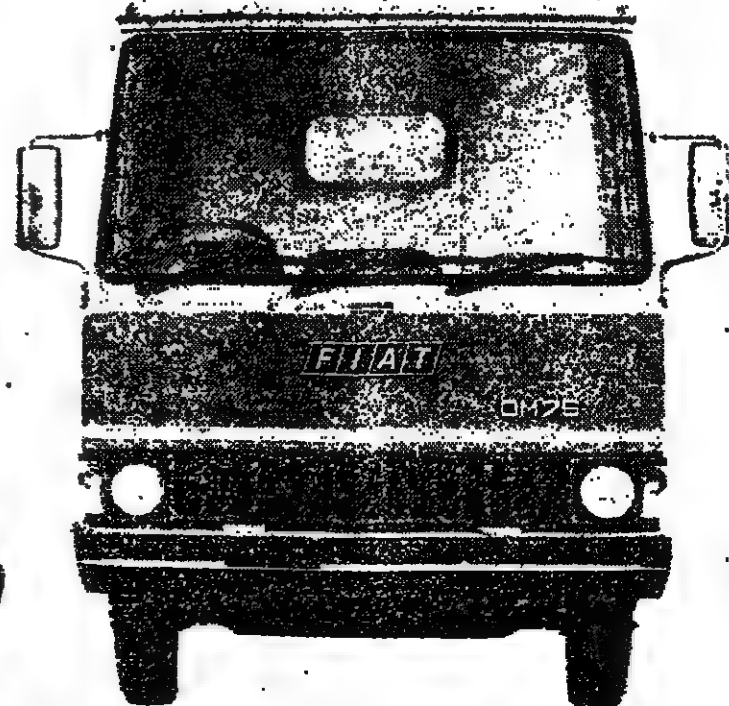
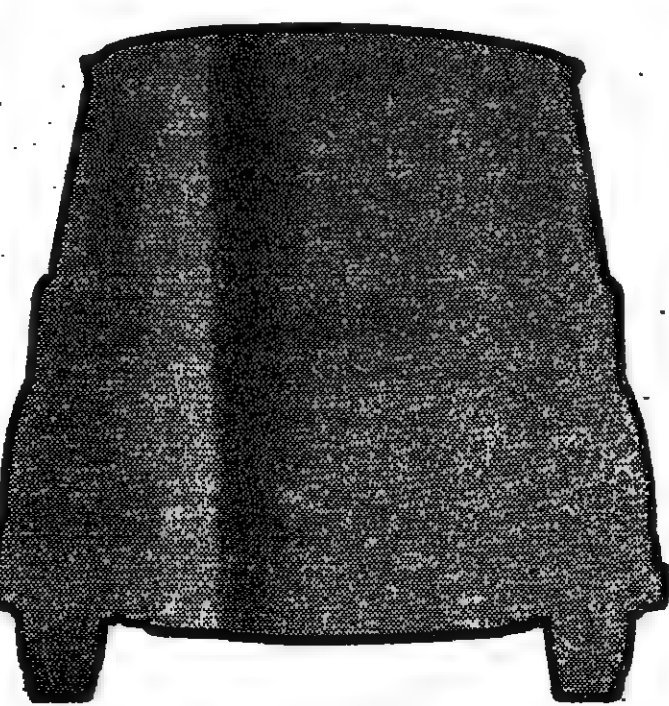
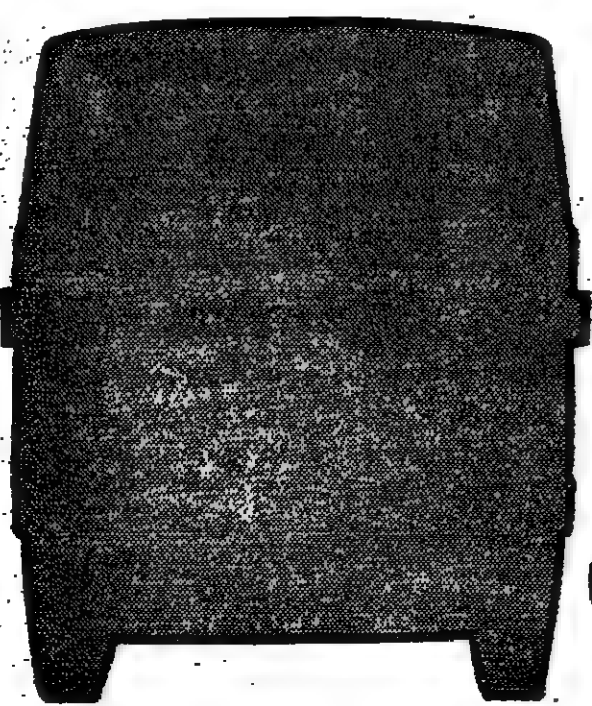
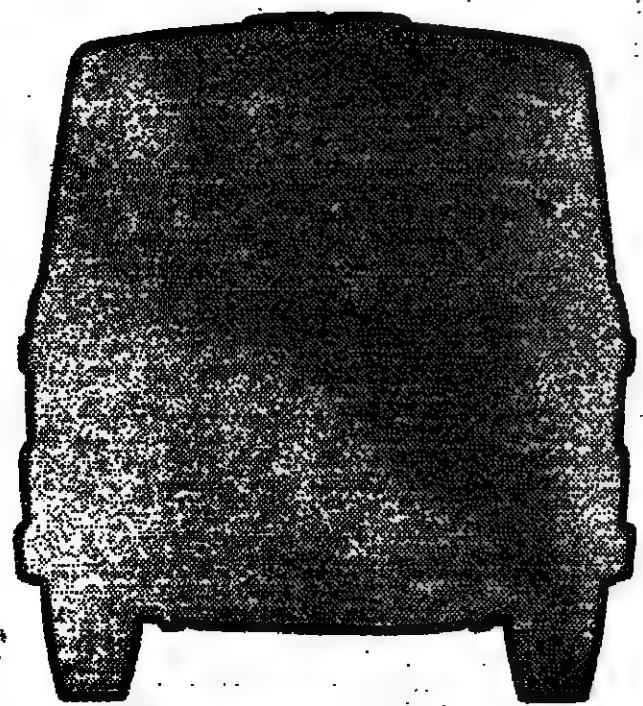
Ford's technical approach has probably had much to do with the penetration achieved by the Transit, a fast, lively vehicle which handles more like a car than a truck and has been taken up particularly strongly by owner-drivers who spend a lot of their time in the van themselves. Ford has also followed the path of so-called "value engineering," producing cheap vehicles with no special claim to longevity.

Mercedes, on the other hand, has followed the opposite course, as in its cars and heavy trucks. It stresses the quality of its engineering and the durability of its products, and for this charges a premium price. In Germany this is a tactic that works: whether it will do so in Britain used to much cheaper commercial vehicles, and in markets like France that have strong local producers, remains to be seen.

In overall range of product Britain continues to be a strong manufacturing centre. Bedford, manufacturing the CF and heavier TK range van, has also had considerable success in Europe—General Motors' German subsidiary, Opel, does not manufacture commercial vehicles, leaving the field in Bedford and Chrysler's PB van which has sold steadily. Chrysler is also planning a new walkthrough

CONTINUED ON PAGE 11

# IN THE E.E.C. 1 IN EVERY 4 TRUCKS IS ONE OF OURS.



Born in 1899, Fiat built their first truck just 4 years later.  
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## VANS AND LIGHT TRUCKS II

## Rationalisation at the lighter end

RATIONALISATION USED to be the vogue word in the car industry, but in the last few years it has also come to be applied increasingly to the commercial vehicle market as well. Within the space of about 24 months two significant milestones have been passed, with the emergence of Iveco, the truck group put together by Fiat in Italy, France and Germany, and the Club of Ten with its design for a light truck shared between Volvo, DAF, Scania and KHD. Both of these developments are signs of the competitive pressures building up in the market place as Europe gradually becomes more homogeneous in its buying tastes, and in the field of light trucks they will inevitably bring more standardisation to a sector of the commercial vehicle industry which still seems highly localised in design influence.

The Club of Ten project, for example, has produced a common design for the companies in the four countries involved. There is the option, of course, of local component options, Volvo, for example, choosing to use a Perkins engine; but most of the major parts, like cab panels, are made centrally. Again, in the case of Fiat, one of the objectives of the creation of Iveco was to produce a more streamlined design and engineering business across Europe, with Italy becoming the centre for heavy trucks and France most likely concentrating on the lighter end of the range.

Further important developments can be expected within the next 12 months. In Germany, for example, there is a high probability that Volkswagen, having launched its LT van in the 2.9 to 3.8 ton co-operative type of trade-off,

with the Poles building a plant and making a product to a Bedford design, and the British (or American) company then using the Polish plant as a supply base for sales of the vehicle in Western Europe. GM would thus have a long-term marketing interest in the new vehicle, and also get a product that fills a gap in its range.

Deals of this kind with Eastern Europe are relatively new but becoming more and more significant for both commercial vehicles and cars. For example, in Britain this year the MAN distribution organisation has started to import Roman 16 ton trucks from Romania in order to get a pricing edge that would not be possible with vehicles from West Germany. The Roman vehicle, is a MAN design and virtually identical in appearance.

Within Western Europe itself, however, the international sales drive is developing more and more force as the large truck companies move across their national boundaries with distribution and service networks. The spur to do this came from the heavy end of the truck business as international haulage spread across Europe to replace the traditional forms of shipment. To stay in this business manufacturers have had to build up strong dealer networks and service networks, and having done that it is inevitable that, where it is possible, lighter products should be pushed through these distribution systems.

A significant case in Britain is Mercedes-Benz, which has spent a lot of money in the U.K. in the past three years trying to establish a base for its heavy truck sales. The company is now also placing increasing exports over 4,000, and the

weight on its lighter range of Dusseldorf Transporter vehicles, which compete in the 3.4 to 6.4 tons GVW range. As with its heavier commercial vehicles, Mercedes will try to sell these at premium prices on the basis that they are high quality machines with longer built-in durability.

Volkswagen, on the other hand, has approached from the other direction, building its light truck range on to its car activities. For many years the base for this business has been the rear-engined VW vehicle that has been particularly strong in the motor home business. But with the new LT truck VW is expanding its appeal up the weight range and using a diesel engine (made by Perkins) for the first time.

## Excursion

British companies, particularly Ford, are themselves developing as a supply base for the rest of Europe in this category of vehicles. Ford really began its excursion onto the Continent with the Transit, made in Genk, Belgium, using British engines, but now supplied from its Southampton factory as well. As in Britain the Transit's qualities as a nippy versatile vehicle have proved a strong sales factor, and it has made some significant gains; in Italy, for example, Ford claims to have about a third of the Transit-type market, a surprising achievement given that the company has made very little penetration with its cars there.

This year, too, Ford has built 300 more of its D-Series models than in 1976, bringing its total part of 1975, bringing its total

A Series has doubled production (to well over 7,000 units) following its introduction to European markets. Overall, Ford has stepped up its commercial vehicle exports by about 30 per cent, this year, including units sent overseas in kit form.

Ford's example is being followed in Europe by British Leyland, already established in one or two markets, but now attempting to extend its commercial vehicle penetration in line with the Ryder Report recommendations. Leyland will probably attempt to forge ahead in the EEC by concentrating on its lighter vehicles until its new range of heavy trucks is complete: the Sherpa van, for example, presumably has potential in much the same way as the Transit.

At the same time Bedford, Britain's biggest exporter of heavier commercial vehicles, has established its position as the centre of General Motors' commercial vehicle activities in Europe, and is gradually reorganising its sales and marketing arm to give the British company greater control over the push into Europe.

With the Bedford CF, the Ford Transit and A series, and the Leyland Sherpa, EA and FG vans, Britain has a wide range of competitors at the light end of the market. By today's European standards they are also cheap. British vehicles are reckoned to have about a 10 per cent advantage in Europe, and the currency situation should retain that edge for some time to come. This being so there are plenty of opportunities abroad for British manufacturers; and the evidence from increasing export production is that this chance is being seized.

Terry Dodsworth



Two of the popular light vans. The Commer PB 2500 van (above) and the Transit.



## INTRODUCING THE NEW CONVERTIBLE FROM VOLKSWAGEN.



After many years of research Volkswagen are proud to introduce a completely new standard in light truck design.

The LT. The convertible chassis cab you see above and the factory versions you see below merely hint at its adaptability.

First of all, it comes in three nominal payloads (depending of course on body weight).

LT 28, 16 tons; LT 31, 17.5 tons. And LT 35, 20 tons.

Secondly, should you decide on the LT 35, you have a choice of wheelbases; whichever you choose, the forward control design gives optimum body lengths ranging from 10' to 13'.

Thirdly, and of two engines.

Either a 2 litre Audi overhead cam, or a 2.7 litre Perkins diesel. Both are up-front and water-cooled.

Whatever the innovations, though, we're as loyal to economy and reliability as we've always been.

For example, LT is very competitively priced, travels a profit-conscious 21.9 m.p.g., and will cover 10,000 miles between major services.

Our economic standards satisfied, we went to work on the cab.

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Not only that, it's exceptionally quiet.

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Why not take a test drive of one of our 100

Specialist truck dealers.

They can tell you more about the range, and about the twelve carefully selected body builders we've appointed.

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Please send me more information on the new Volkswagen LT range.

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Post to: Volkswagen LT, P.O. Box 1, Weybridge, Surrey, TW20 0EX

## THE LAURELS — and the

profits—in the world pickup market have been unquestionably captured by the Japanese manufacturers in recent years. Why this should have happened is not exactly clear, since many European producers have been established for a long time in markets such as the U.S. and South Africa where sales have been strong.

But the Japanese strategy has been well worked out. From their large bases in the U.S., where pickup demand is strong, sales have swiftly been extended into other markets, spreading to Indonesia, South Africa, Australia and now in the last two years or so into the Gulf states and Europe.

In the connected market for heavier workhorse vehicles like the Land Rover, the contest is fiercer. Profit margins are much higher in this sector, and not to be relinquished easily. Technological factors play a larger part, with the Land Rover still maintaining a lead over its rivals. But there is no doubt that here, too, the Japanese have proved a worthy competitor.

The Toyota Land Cruiser, sold like the Land Rover throughout the world (North Korea is the only country which Land Rover claims not to have penetrated so far) is now produced at the rate of about 100,000 units a year, as against the Land Rover's 55,000, and the Jeep, one of the products of American Motors, probably has a top capacity output of about 120,000 units a year.

Workhorse vehicles like the Land Rover always tend to benefit from such swings in the international market, because they are perceived as basic pieces of equipment which are essential for opening up new developments and improving communications in rugged countryside.

In recent years the Land Rover has had to face increasing competition from several quarters, and there is no doubt that rival manufacturers are extremely serious in their attempts to get a share of what has been a very lucrative market. Both the American Motors Jeep and the Toyota Land Cruiser are now well ahead of the Land Rover in annual worldwide sales, and more competition is coming from the Romanian-made ARO Land Car, a military-designed vehicle which has been adapted for more general purposes.

There is also a plan at Mercedes to launch a similar vehicle, said to be somewhat more sophisticated than the Land Rover. To compete with these new products, Leyland itself is believed to have plans under discussion to expand Land Rover production at its Solihull site where space has

been released by dropping old 3.3 Rover with the new Rover 3500.

There are doubts, of course, that the market is big enough to accommodate all the that have come on in recent years and also expansion from the producers. Clearly profit margins might have dropped. But so far it has been little evidence of a falling demand on world for 4 x 4s despite the

much of the lost business must, in fact, have gone to Ford. Although the light market is only down about 3 per cent, from 33,000 units in 1975 to 31,950 in the last five months—Ford sales have risen dramatically from 6,990 to 9,240. Part of this must be attributed to the difficult patch Ford went through last year when it introduced the new Escort car and van, but the company seems to have gained both at the expense of domestic and importing manufacturers. Bedford sales fell from 6,426 to 5,293, and B.L.'s from 15,745 to 13,649.

The 4 x 4 business in which the Land Rover competes is much more international in outlook. Whereas car-derived van and pickup sales take their lead basically from car sales, and are therefore dominated by home producers, 4 x 4 manufacturers have had to go into exports to achieve volume. Something like 75 per cent of all Land Rovers, for example, are sold overseas.

During the last two or three years, this international market has been extremely healthy, buoyed up by the commodity boom of 1973/74 and the escalating oil prices which generated the funds for some developing countries to go out and buy equipment.

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## Japanese pick up the profits

## Opportunity

Leyland is in the po having a whole new opening up for itself Middle East. Since the A cott regulations were against the company two ago, it has been clear there is still plenty of to be had in this region.

Arab states have of co ways taken the Land R military purposes deep embargo, and in these a there is considerable demand from custom know the vehicle's virt

At the same time t clearly an opportunity military contracts wil states, who find the veid for desert and semi-des rain. And Saudi Arabia has rigidly applied the and provided a great business for the Land is obviously a market

In future it is likely greater proportion of 4x facturing will be done o from "knock-down" kits land already has a nus satellite plants around th working on this basis, a Japanese are well aware pressures to do the sar

Overseas KD assem developed quickly over t few years as developin tries try to use car auc plants as central mech for training workers in trial skills. Truck plant this goes for Land Rovers are ideal for this, betat and product is a vehicle needed for productive opment while the assem cess tends to be simple for cars. The future d ment of this market, the will closely hinge on the of the developing countri

Terry Dodsw

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الرجاء ان



## VANS AND LIGHT TRUCKS III

# end Gains by motor homes

LOOM that settled over the motor homes first place with Ford, both taking 23 per cent of the market. Bedford with 14 per cent. has also succeeded in pushing Toyota into fourth place with 13 per cent.

The sales of motor homes in Britain will reach the bottom of line this year, reaching about 5,000 against 5,500 last year. But if it is achieved it will be the industry's most dramatic prediction of 1976 and will be the beginning of a real recovery.

One of the major changes in 1975 was the introduction of a new tax on motor homes, which has caused a sharp drop in sales. The decision to lay out £3,000 and £6,000 on a motor home was not one taken lightly. As inflation rates between 25 and 30 per cent, the price of a motor home shot up dramatically. The decision to lay out £3,000 and £6,000 on a motor home was not one taken lightly. As inflation rates between 25 and 30 per cent, the price of a motor home shot up dramatically.

### controls

he heavy days before the car tax sales of motor homes in 1972 reached a peak of 9,000 vehicles, but the introduction of new taxes along with higher credit and higher charges have caused a sharp drop in sales. The decision to lay out £3,000 and £6,000 on a motor home was not one taken lightly. As inflation rates between 25 and 30 per cent, the price of a motor home shot up dramatically.

of the effects of the new tax, however, has been a sharp drop in demand. Ford, for instance, claims that one of the reasons for their recent drop in market share is that customers are now finding it difficult to afford their motor homes. Ford feels that customers are basing their judgment on the total cost of a vehicle, as on the day they must spend each month on repayments.

share of the U.K. market by home based manufacturers has improved in the first months of 1976 to reach 37.4 per cent against last year's 36.2 per cent. The American designer and lecturer, Carl Olsen, who has radically changed the appearance of the coach-built motor home. The 10 per cent of the British market is used to be that most motor homes, as soon as they are approached by trippers in search of an ice cream cone. But manufacturers now feel that any resemblance between a motor home and an ice cream van is purely incidental. It has come of age as a proper leisure vehicle.

Ford feels that the greater demand for sophistication has come from customers searching for more value for money. It's no longer enough to be able to use the motor home just in the one to importers so far main summer months. Customers are looking for sufficient heating and insulation to be able to use the motor home as a holiday base throughout the year, not only as a companion at the beach, but also beside a mist-shrouded loch in November. Bedford, for short week-end breaks in the depths of winter. But if the market for new motor homes is only now starting to find its feet again, the market for used vehicles is monthly figures for May approaching boom proportions. There are plenty of keen buyers as slipped so far that it around willing to pay the quite

high prices being demanded in a successful market. Dealers feel that the good months for trading will probably last well into the end of August and the optimists expect the market to hold up until the end of September.

With devaluation making the foreign holiday an ever more expensive proposition, more people are turning back to the motorised caravan. The most marked demand is coming from many hire companies who are finding it difficult to meet requirements with the rise in numbers of people looking for a motor home as the most economical way of taking a touring holiday in Britain. Much of this demand is coming from foreign tourists.

For the motor home manufacturers that survived the recession—and several on the periphery did not—the future prospects must now look far more encouraging. CI Autohomes for instance, part of Caravan International, is now looking to future investment again after a period of retrenchment and re-organisation. It sees a particularly bright prospect in the export field, where it has been working hard to build up business. About one third

of production is now going abroad. So successful has the export push been that in one recent four-month period exports were 70 per cent up on the same period last year.

Next year it expects improvements in both the export and the domestic markets and the company is already quoting December delivery dates to dealers and importers for certain models.

The motor home market has always had a rather cyclical pattern with buyers appearing most keen in the spring and summer months. But in recent years there have been several artificial booms caused by Government action in the taxation field. The rush to buy before the introduction of car tax in 1975, caused most dealers to sell out, but was followed by a desperate lull as the recession deepened. Imminent price rises from the manufacturers have caused similar artificial movements in the market, but now with apparent public acceptance of higher petrol prices and the help received in the last Budget in the form of HP relaxations motor home builders seem set for a period of gradual sustained recovery.

Mr. Rory O'Connor, Leyland

Cars' Light Commercial Vehicles Sales Manager, thinks that the industry over-reacted after the boom at the beginning of the 1970s, which meant they were hit particularly hard in the recession. "Growth will never be so fast again," he says, "and we will not see such massive peaks and troughs in the industry." He predicts rather a steady growth rate with an annual throughput of about 9,000 vehicles by the end of the decade.

For five or six years British Leyland was not very active in the motor homes industry, but the arrival of the Sherpa van has changed that. Disregarding the 10 per cent distortion of registration figures, Mr. O'Connor says that last year BL provided more than 500 Sherpas for conversion and this year he is hoping for about 1,000. The Sherpa will be the base vehicle for an assault on the European market which BL hopes to mount next year. It is now beginning to gain far greater acceptance from the caravaning public, particularly in such refined, high-quality conversions as those carried out by the Broadway, Worcestershire firm, Auto-Sleeper.

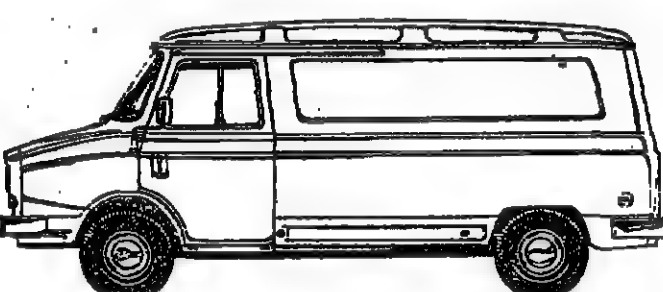
Kevin Done



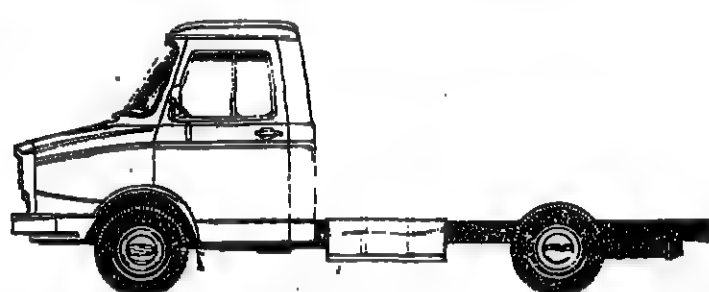
The Leyland Auto-Sleeper.



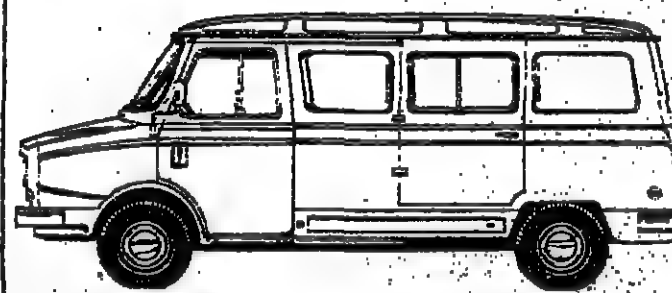
Leyland Sherpa Crewbus



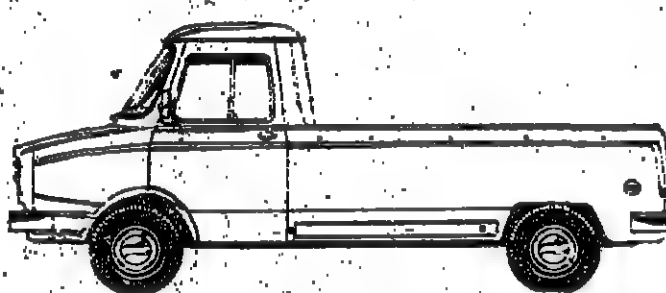
Leyland Sherpa Delivery Van



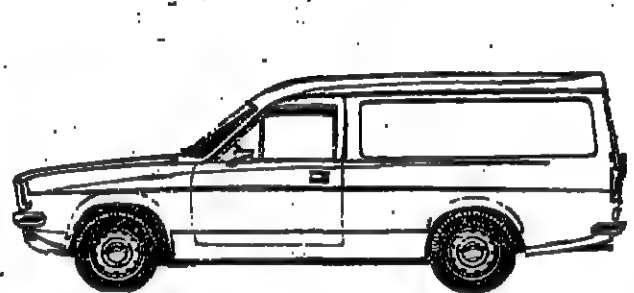
Leyland Sherpa Chassis Cab



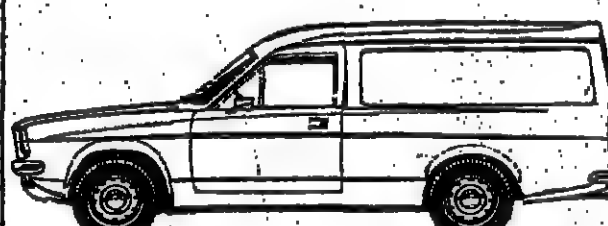
Leyland Sherpa Minibus



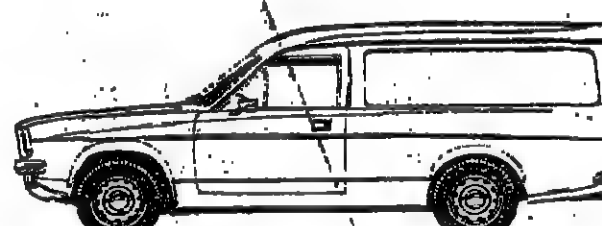
Leyland Sherpa Pick-up



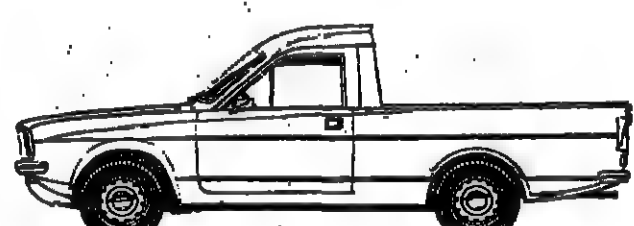
Leyland 7 cwt Standard Van 1098cc



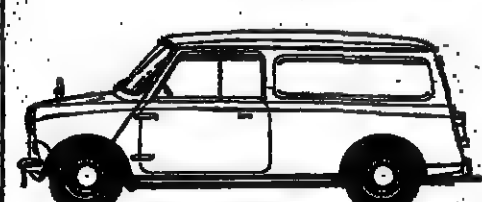
Leyland 7 cwt De-luxe Van 1275cc



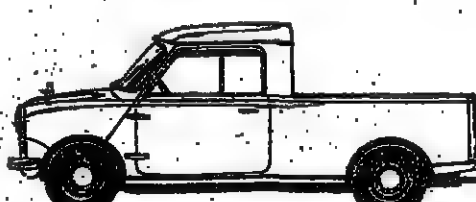
Leyland 10 cwt De-luxe Van 1275cc



Leyland 10 cwt De-luxe Pick-up 1275cc



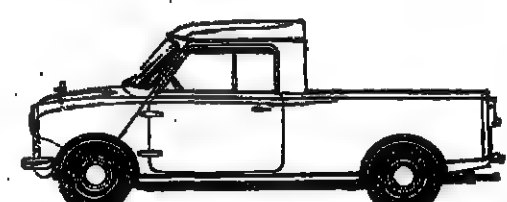
Leyland Mini 1/2 ton Delivery Van 848cc



Leyland Mini 1/2 ton Pick-up 848cc



Leyland Mini 1/2 ton Delivery Van 998cc



Leyland Mini 1/2 ton Pick-up 998cc

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## orizon

CONTINUED FROM PAGE 2

to supplement its pre-Series. The FG, with its Commer, as part of the curiously designed doors that nment rescue scheme, swing flush with the width of may share some common the vehicle, is ideal for delivery ments with a vehicle to be work in narrow streets. But the by its parent company in S.

ish Leyland has also made eback in the lighter end of arket with its Sherpa van, ed two years ago. Derived Marina mechanical com- its new panel van and Mercedes is, the Sherpa has pulled with its transporter range have BL's share of this market, made the strongest impression, about 10 per cent last year. Again, these imports tend to per cent at present, and suffer from higher prices than and will probably hold out their British equivalents. But that the vehicle can help the event that manufacturers drive into Europe. Higher will be watching with the most -range Leyland manufac- interest next year is the expect- the 2A range of motor- ed launch of a new Mercedes e, and the 2A range of motor- This should create a considerable competitive str.



# Boost for the rental sector

AS A RESULT OF improved demand for rental and leasing of light commercial vehicles during the first six months of the year in particular, rental companies are generally increasing their fleets which were allowed to run down considerably during the worst of the recession.

The feeling of uncertainty which persists in industry generally has meant a comparatively slow pick-up in demand, but in some respects this has been beneficial to the rental companies.

Although business conditions have improved, the effects of inflation on the cost of new vehicles has made customer companies unwilling to invest large sums of money in rebuilding vehicle fleets to their former size. Again they are turning to the rental companies for additional capacity.

A number of rental companies have therefore directed their marketing resources at the business rental sector, rather than private rental, in an effort to increase their share of this apparently growing market. This strategy is linked to the balancing seasonal trends in demand, in which the requirement for private hire is marginally greater during the winter and company hire is greater during the summer.

Recent research carried out by Budget Rent a Car has shown that about 2m. people rent vehicles during a year, with about 1.5m. of these regarded as "infrequent" customers and the other 500,000 as regular customers. Of these 300,000

around 95 per cent. are business customers.

Like the other major rental companies, Budget reports a significant improvement in overall demand, running at about 10 per cent. higher than during the first part of last year. The underlying reasons for this, apart from better business conditions, are not totally clear.

It is suggested that the "cottage industry" section of rental companies, those owning perhaps five or six vehicles and renting at low rates in localised areas, has suffered in recent times. Due to the increasing cost of servicing and buying new vehicles, they have reduced their already small fleets. On the other hand it is argued that many smaller operators, linked to dealer outlets, have improved their hold on localised markets.

It is felt that the van rental market has in any case been generally oversubscribed in recent years and that the low rates charged by many operators have had a cumulative effect on reducing investment in new vehicles. Although this has occurred at a slow pace, it may have worked to the advantage of larger companies, particularly those with car rentals to generate more capital.

## Competition

Although this competition has tended to keep rates fairly stable for some time, increasing demand is expected to push rent vehicles during a year, with about 1.5m. of these regarded as "infrequent" customers and the other 500,000 as regular customers. Of these 300,000

investing in new vehicles themselves.

A comparative newcomer to the rental business, which has in the past been dominated by companies such as Hertz, Avis, and Godfrey-Davis, is British Road Services. Although BRS has concentrated on the heavier end of the market, its reputation as an experienced transport operator has been an important element in its overall marketing strategy.

After entering the market in January last year, BRS aimed at capitalising on the considerable resources it has for its normal activities. Rental was regarded as a further product line, operated by each regional company, and vehicles are offered on hire for periods of two, three or five years, and rentals for a minimum of one day.

It now has a fleet in excess of 700 vehicles, with light and medium weight vans comprising only 18 per cent. of the total. A further 60 per cent. is in the four to ten ton payload range and the remainder articulated vehicles. Current purchases of these are expected to increase the heavier range to 30 per cent.

The company is extremely optimistic about its growth pattern and believes that in 18 months it could dominate the industry, although it has experienced some difficulties on late deliveries of vehicles. This is believed to be a reflection of overall demand for commercial vehicles, particularly at the heavy end.

Given that there will be in-

creased competition in future, a minimum but retaining sufficient capacity to meet any contingencies.

The alternative to rental, which offers similar advantages over the longer term, is leasing or contract hire. One of the major advantages of leasing is that vehicle operation can be regarded as a fixed cost over a period of time, with maintenance, service and replacement vehicles included in many longer term leasing deals. With unpredictable peaks and troughs in business trends, this can be a considerable advantage.

In a "service" lease, financial factors such as trends in interest rates and taxable profits have played a less significant part in the overall calculation, although other features, such as the rate of inflation, in repair and maintenance have to be taken into consideration.

These deals basically involve the supply of vehicles and associated services to meet the special needs of a haulier or own-account distributor over a specified period of time, and may on occasions include a driver.

Again, the future of this sector appears to be satisfactory, due to the over-riding economic considerations such as high interest rates and the cost of new vehicles. It appears that while these factors mitigate against the customer buying his own vehicle outright and leasing, contract-hire or rental assists him in minimising overheads, the industry will continue to prosper.

## Range

Godfrey Davis, with a large range of activities and possibly the largest in the van rental market, foresees a growth in overall demand more or less in line with consumer demand, but is more optimistic about rentals to individuals and very small concerns. Nevertheless, its marketing activity is equally directed at both markets. Like other companies, it continues to pursue a policy of tailoring the size of its fleet to the level of demand, keeping overheads to

a minimum but retaining sufficient capacity to meet any contingencies.

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Lorne Barling



The Simca 1100 pick-up.

## Export record remains good

THE OPINION expressed recently by Sir William Bates, then president of the Society of British Motor Manufacturers and Traders, that export growth is the only way to overcome the poor home demand, has become a truism as far as commercial vehicle manufacturers are concerned.

Their record on exports is already extremely good, with the U.K. producing and exporting more commercial vehicles than any other country in Europe. But the message delivered to British Leyland in the Ryder Report in respect of light commercial vehicles, "to substantially increase its share of the European market" is significant. Europe is the closest and certainly the most buoyant market for these vehicles and in the long term is likely to show the greatest growth. Ford clearly realised this many years ago and has captured a large share of the market, but British Leyland is now somewhat cautiously going about getting its own slice of the cake.

The exact size of the European market is perhaps worth examining in terms of individual countries. In 1974, the U.K. exported 18,000 vehicles (under three tons) valued at £14.9m. to EEC countries. In 1975 it exported 20,600 vehicles worth about £25m.

Other models include factory-built integral construction pick-up and the chassis derivative. The chassis cab and chassis front end models use the same basic mechanical units as the van for simplicity of spares and service.

Ford's continuing success in Europe with the Transit will be celebrated in August when 1m. of the vehicles will have been built over a period of 11 years. Over that period about 550,000 will have been built at Goughthampton and 450,000 at Genk in Belgium; an achievement which has led to Ford holding around 20 per cent. of this market in Western Europe. Perhaps in a way which Ford's continuing success in Europe with the Transit will be celebrated in August when 1m. of the vehicles will have been built over a period of 11 years. Over that period about 550,000 will have been built at Goughthampton and 450,000 at Genk in Belgium; an achievement which has led to Ford holding around 20 per cent. of this market in Western Europe. Perhaps in a way which

range (which has proved to be well-tailored for the U.K. customer) to a limited number of countries in the first instance. It is regarded as essential to build up a high standard of service and back-up before tackling more countries.

In deference to Continental preference, it has introduced side-door vehicles first, in France, Belgium, the Netherlands, Denmark, Switzerland and Finland. So far this has proved successful and it is hoped that launches in other countries will follow soon.

Although the policy is aimed at preventing British Leyland over-reaching itself and being unable to provide sufficient vehicles or satisfactory back-up, the current price advantage enjoyed through the weakness of sterling must create a temptation to speed up involvement.

Leyland, like other companies, is nevertheless aware of the danger of opening up a gap in the home market by exporting high volumes.

Sales of the Sherpa in the U.K. have risen, even during a period of declining demand and its introduction to the Finnish Postal service, is regarded as an extremely good test of its abilities. In the U.K. it is offered in three basic payloads, designated by the number which corresponds with the gross vehicle weight in tons. The 185 model (1.85 tons GVW) has a nominal payload of 13 cwt.

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It is indicative of the trend, mainly in the U.K. as acceptable in the U.K. has been in the United States for some time; it is at that manufacturers need every means at their disposal to maintain their momentum into Europe.

Lorne B

version of the Transit, which for many years has clear run.

Vauxhall reports Bedford CF range can be successful in Europe, with 5,000 units delivered in the first five of the year compared 3,900 in the same period last year, an increase of about 25 per cent. Compared to the last year, this is regarded as an improvement.

Bedford has also improvements to the CF and continues to concentrate activity in the Benelux markets, recent response in France is also encouraging.

## Necessary

It appears then that manufacturers are taking necessary steps to overall sales by

demand remains depressed and sales running at around the level of 1974. This is due mainly to the fact that the U.K. is of vehicles holding on existing models, long normal; some manufacturers have also observed that in public expenditure tended to reduce order from local authorities, and major customers.

Fears that the current in exports will eventually be a gap in the home market and provide a foothold for other manufacturers, have been expressed by most producers in the industry. They believe that if the additional demand when necessary, to

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Lorne B

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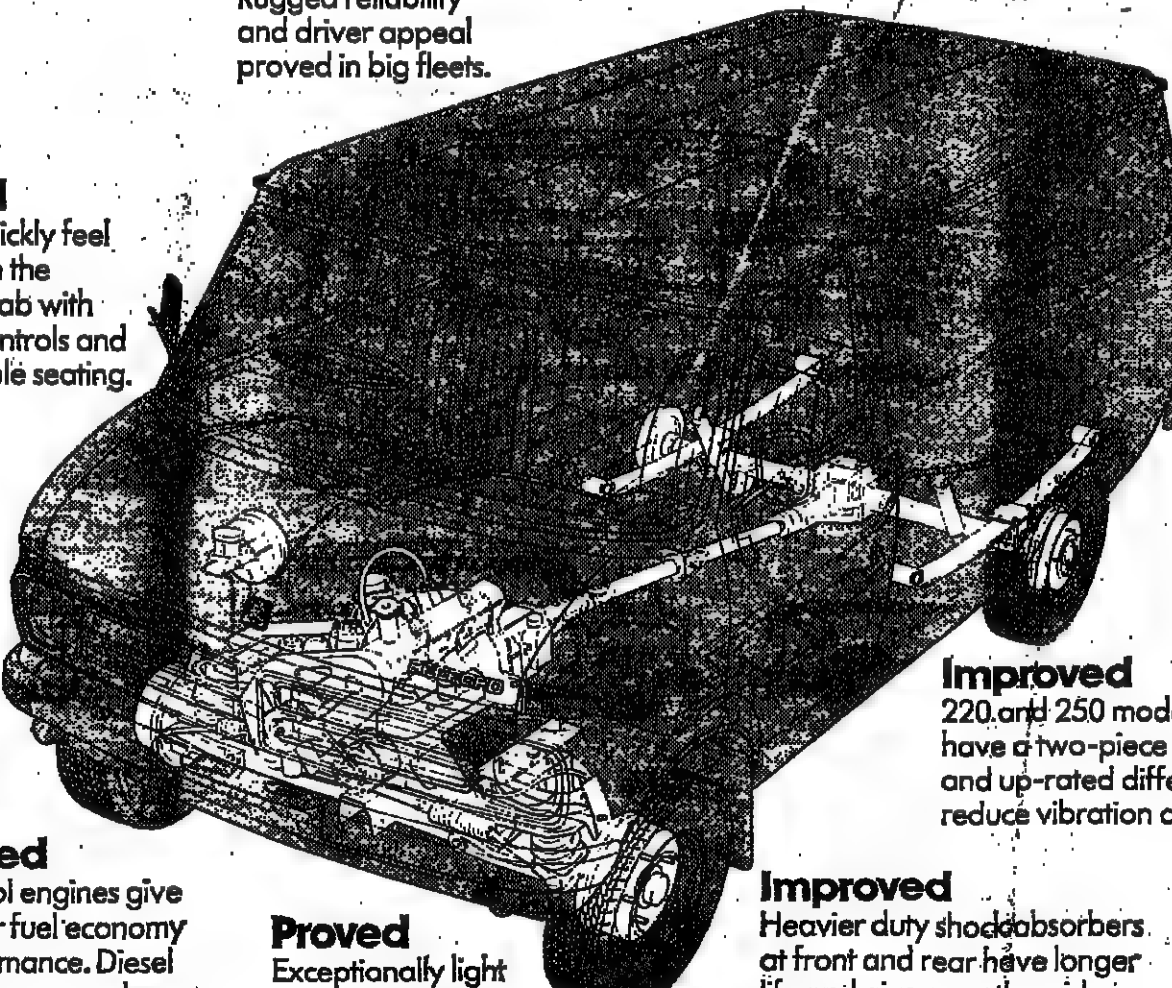
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Well noted



# The Management Page

EDITED BY JOHN ELLIOTT

Christopher Lorenz outlines the changes of structure and fortune of the electronics group which looked in danger of becoming a National Enterprise Board 'lame duck'

## The regeneration of Ferranti

ANYONE WHO thought Ferranti was just another of the National Enterprise Board's 'lame ducks' should take a look at its results for 1975-76. Fifteen months after the cash crisis which threw it into the arms of the Government amid wealth of national publicity, the company completed its most profitable year since at least 1970.

The turnaround from a loss of over £500,000 the previous year to a profit of over £5m (on a turnover of £108m) was all the more creditable for the fact that it was hardly affected by the government's £15m cash injection. Several other non-recurring factors did play a part, but the important message for the future is that also reflected considerable reorganisation, after cost control, and the impact of a new top management.

The regeneration of Ferranti is of widespread significance to industry, in view of the general management principles involved. It is classified into five points, which are headed by an issue which is crucial to the future of a country which is renowned for its bright ideas, and its inability to exploit many of them commercially. It is possible to outline the pursuit of high technology (Ferranti's specialty) with stable profitability (its weakest nerve)?

### Classic case

Second, it is a classic case of choice between divisionalisation and centralisation of a multi-product organisation. Third, it is a classic case of how to motivate middle management. Fourth, it exemplifies a perennial problem of small and medium-sized businesses — the position of a family-owned company to outside control and management. Fifth, it provides insight into relations between the National Enterprise Board and its subsidiaries.

Mr. Derek Alun-Jones, the 40-year-old former head of British Oil's £200m industrial products division, moved into a managing director's seat at Ferranti last December. He es out of his way to allay fears at the new management (and others) will change the company to such an extent that it will no longer lean strongly towards research and development. "In any major way, research and development is the product we sell," he declares.

But he does take issue with a notion that to work "at the frontiers of technology" (a favourite phrase of Sebastian Ferranti, previously managing director and now chairman), have to be unprofitable. Mr. Alun-Jones says Ferranti's traditional pride in its technology led to push profitability, and some cases even marketing, positions of secondary importance. He also claims that many of its losses were in fact old technologies, such as a

£10m investment several years ago in the transformer business. This emphasis on technology above all else was partly a reflection of Sebastian de Ferranti's infectious enthusiasm. But it was fostered by the corporate structure. One of the misconceptions which Mr. Alun-Jones laid to rest within days of joining the company was that its accounts were "dropping to bits" — an impression created by all the publicity through the winter of 1974-75. But, however good the accounts were, it



Mr. Derek Alun-Jones, managing director of Ferranti (left), and a view of the company's command and control terminal in use at the Glasgow Police control room.

was difficult for them to be represented in the boardroom without a financial director, or at least a managing director with a strong financial background (Mr. Alun-Jones' experience qualifies him for this role, though he expects to appoint a financial director in the next few months).

Until about three years ago, the company was structured on a departmental basis. At one stage 21 of them were reporting direct to Sebastian de Ferranti, embracing an extremely wide range of products: computers, household electricity meters, inertial navigation systems, power transformers, weapons fuses and microelectronic circuits. Accounting, industrial relations, maintenance (which employed 600 people) and even part of sales, were all centralised.

The only major exceptions to this pattern were the Scottish factories, which were all largely devoted to the same market of military avionics and which have been managed as a relatively separate unit for many years.

Starting in 1970, there was a gradual shift towards divisionalisation, culminating last year in the merger of the three computer-based groups into one group; there are now six divisions in the company as a whole. But it was only a few months before the 1974 crisis that many of the key functions began to be shifted from the centre to the field. The transfer of maintenance to the divisions has already cut some overheads by 25 per cent, while the increased divisional responsibility for industrial relations

promises a more rational approach to incentive schemes and the like.

Much of this decentralisation was under way before the arrival of Mr. Alun-Jones, but in the minds of his colleagues he has given it a greater overall direction and impetus, as well as adding certain aspects. One example is a revision in the method of capital applications, where everything used to come up to the centre; he has tightened the procedures where necessary, and decentralised



elsewhere. He has also decided to decentralise debtors and creditors, which might not have happened under the original, halting approach to decentralisation.

"The whole theme has been to transfer costs to the divisions," he says, in order to make the divisional managers — each one of whom now has a financial controller — very much more aware of the overheads (and the need to reduce them). This marks an end of the era when costs were simply shared out to the departments or divisions.

Intimately linked with the lack of proper decentralisation in the past was an inadequate planning and reporting structure. Mr. Alun-Jones says proper monthly reports were not generally made, still less a formal five-year or even one-year plan, against which divisional and corporate performance could be judged. He has formalised, and extended the monthly reports, and also receives weekly reports on the cash flow position. The company's forward planning will fit into the NEB pattern of one-year plans being produced each February, with a rolling five-year strategy going forward each October.

Another innovation by Mr. Alun-Jones is the executive committee, consisting of the five UK divisional managing directors in addition to Mr. Alun-Jones, the technical director and the company secretary, and to which the finance director will be added. This means monthly, a week before the Board meeting, as a strong central organ to oversee the divisions.

Except in the case of the finance director, the emphasis is on using Ferranti's existing personnel. With new motivation at the centre, Mr. Alun-Jones says it should only be necessary to change attitudes, not managers themselves.

In many a former family business, where the family retains a large shareholding, such changes in structure and approach could have caused up to the centre; he has tightened the procedures where necessary, and decentralised



lent," in Mr. Alun-Jones' words. "He has supported the changes in policy as being in the interests of the company and all the shareholders."

The 50 per cent stake in Ferranti's voting equity, which the Government obtained in exchange for its financial aid, has now been transferred to the National Enterprise Board, but the Ferranti management do not appear to be dominated by the relationship. Apart from the one-year and five-year plans, which are (or will be, in the case of the latter) discussed with the NEB in large meetings, the NEB gets the Board's minutes, as well as monthly financial information. Mr. Alun-Jones is the normal channel of communication, though his (this was the result of the previous separation of the military and civil parts of the division).

So long as the transformer division is a drain on the company's management and financial resources, Ferranti is bound to become a "lame duck" image, however undeserved it may be. Resolve that problem, and its enlarged "electronics" team remains to be seen. So far, turn it into one of the NEB's star performers.

Whether the NEB will become a more pressing shareholder when Lord Ryder, who has had meetings with Lord Ryder on only about five occasions, and irregularly, when the need arose.

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Ferranti's main "problem areas," particularly transformers and electronic components. With hindsight, it is now obvious that the power division should have been sold, or should have diversified several years ago, before running up £8.5m of losses between 1970 and 1975. Similarly, Ferranti should have followed all its international semiconductor competitors into the Far East for the low-cost assembly of electronic components.

### Urgent search

After a series of redundancies, talk of selling the transformer business has given way to an urgent search for diversification opportunities, but it is clear that this cannot bring a quick end to the years of losses. Whether the components division can return quickly to the black depends partly on how long it takes to resolve the future of the 300-employee assembly plant at Barrow; negotiations about its closure are continuing.

Short-term steps have been taken in other parts of the company, such as the streamlining of product lines and the closure of one of the smaller factories in the instrumentation division. But medium-term changes are also needed, if the whole company is to achieve a proper return on capital. Mr. Alun-Jones is aiming for 20 per cent, the rate achieved already by several divisions. Apart from transformers, instrumentation (especially meters) and electronic components are the main ones on the agenda. Joint ventures are one of the options in components, and talks have been under way with Plessey for some time.

But the resources of some of the more successful divisions could also be exploited more fully. This applies not only to the NEB, but also to computers, where Mr. Alun-Jones says that in future the company would develop two types side by side (this was the result of the previous separation of the military and civil parts of the division).

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## 65 PENSIONS and BENEFITS

## What will have to be disclosed

BY ERIC SHORT

THE GOVERNMENT'S thinking on member participation in pension schemes was given in a recent White Paper, and the matter, of vital importance to employers, has been discussed at great length. But it seems that the Government's view, in the White Paper on disclosure of information to members about their pension schemes, has passed unnoted. Yet, this also has considerable implications for employers.

Disclosure of information is just one important aspect of the whole problem of communications between the company and its employees. Yet until recently the matter has been sadly neglected, although the fault has not been entirely the employers'. Even now, not many employees are very enthusiastic to talk about the subject and trying to communicate can be an uphill climb.

There are two main areas of the communications problem for the employers to concentrate on at present. The first is the one-off task of explaining to employees the current relationship between the new state pension plan and the company pension scheme and to tell them what the company intends to do about pension provision. Regulations under the Social Security Pensions Act 1975 have put a legal obligation on employers to consult with employees and their trade union representatives.

### Well advised

If consultations are going to be meaningful, the employer would be well advised to start at square one in most cases and explain in general terms the 1975 Act before discussing the company's own position. And he will need to use simple language, not an easy task when the Act and its accompanying regulations are littered with technical terms — such as "guaranteed minimum pension".

Communications is a task for professionals — the employer is not likely to achieve much by sending the personnel director or manager round the branches unless that person has been specially trained. The larger pension consultants, the consulting actuaries and the life companies have now entered the pensions communication field in a big way and are giving a lot of thought to the problem. Some firms have even engaged professional com-

munications consultants to advise on the problem.

The system the consultants generally use is to talk to the workforce at their place of work, using visual aids to explain the position, and then to deal with individual queries. This is followed up by explanatory booklets designed to allow each member to ascertain his own position in the pension scheme.

The implications for employers in the Government's plans for disclosure of information to members of pension schemes are considerable. Yet little notice has been taken of this

his benefits entitlement and the contribution position.

The consultants have adopted a very flexible approach to these meetings: what is suitable for one company could well be inappropriate for another company. Employers would do well to make maximum use of the services of their pension consultants.

The second main area in communications is the ongoing one of telling members about the scheme. This can be subdivided into two functions: one to provide each year a benefit statement to each member, the other to publish an annual report and accounts of the pension scheme — similar to the company's annual report. It is this second area which the White Paper has dealt with and intends to back up with legislation.

The Government's intention is that members should receive benefit statements automatically and it proposes to specify the form of such statements. But it is questionable whether they should be sent automatically since an employee aged 30 is not likely to be interested in a series of payments starting in 55 years' time. It might be better to give members the right to be provided with a benefit statement if requested.

At the same time, it should be left to the company to decide how it presents the statement and the Government should lay down only minimum requirements, if that. Some companies are discussing with employees when the market falls.

and unions the best means of providing benefit information and the Government could encourage such talks rather than impose its ideas on schemes.

The Government is also very concerned that pension scheme members should be kept fully informed of the financial state of the underlying funds and even receive a general statement of investment policy. It even says that actuarial reports should be available to members on request.

The actuary has to investigate the financial position of the fund and determine whether the value of the assets exceeds the present value of liabilities. Hence, his report on the solvency of the fund must by nature be technical. On the other hand, all the member is really concerned with is whether the fund is solvent or not. If it is not solvent, then the Occupational Pensions Board is going to be very interested in the actuary's report and will be taking action. So there will be little that the member can do.

### Problem

The problem will be in presenting the financial picture of the pension fund. If it takes the same form of a highly informative company report, then only investment analysts will be able to interpret the accounts. On the other hand, the information should be available to experts acting for the members' trade unions.

The answer is for an individual company to act with its advisers to find out which form suits its own employees — and consultants now undertake this task. Possibly a one-page summary is all that most members would require, but unions and staff associations could be given more detail in book form. The problem is likely to arise in describing investment performance, especially in times of a bear market.

Assets should never be considered in isolation from the liabilities of a pension scheme. But the actuary usually reports every three years except in the case of the very large funds. The consultants are still giving a lot of thought to the question of how to present fund performance which will not have members clamouring for the investment manager to be sacked when the market falls.

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### BUSINESS PROBLEMS

BY OUR LEGAL STAFF

### Commodity deals tax

Referring to your reply of May 19 under the heading Commodity Deal Tax, surely if one is regarded as "trading" then this activity must be taxed as earned income. How, therefore, as suggested in your reply, can the profit derived from trading be taxable as investment income? British tax legislation is rarely simple and sometimes appears to be based on a perverse logic. You may recall the answer published in the Finance and Family column on November 1 last year under the heading "Three classes of income," in which it was explained that income may fall within the definition of earned income set out in section 530 of the Income and Corporation Taxes Act 1970 or within the definition of investment income set out in section 32(3) of the Finance Act 1971, or may be excluded from both definitions. The profit from an isolated adventure in the nature of trade (such as that mentioned in the question to which you refer) may well fall to satisfy the definition of earned income and therefore fall within the definition of investment income, in the absence of specific exclusion from that second definition.

### Cancelling a winding-up

If a private company has applied for members' voluntary liquidation, can the application be cancelled?

An application would have to be made to the court to stay the winding-up. It might be simpler to complete the winding-up and to form a new company.

No legal responsibility can be accepted by the Financial Times for the answers given in these columns. All inquiries will be answered by post as soon as possible.

# RAS

## RIUNIONE ADRIATICA DI SICURTA'

Milan - Italy

The Annual General Meeting of Riunione Adriatica di Sicurtà was held in Milan on 28th June 1976.

The Directors' Report and the Accounts for the Company's 137th Financial Year ended 31st December 1975 were adopted.

RAS met the challenge of a difficult year for the insurance industry in virtually all countries, particularly Italy, by strengthening its organization structure and laying special emphasis on the quality of the service it provides to its policyholders.

The Company's premium income rose by 34% in 1975. A further significant advance was achieved in the life business, where growth over the previous year was 36.5%.

Satisfactory or break-even results were recorded in the Fire, Accident and Credit and Bond Indemnity Branches, whereas underwriting losses were incurred in the Theft, Marine and Hail Branches.

Detailed information was given at the Meeting on the numerous Subsidiary and Associated Companies forming part of the RAS Group, whose interests extend over 38 countries in all five continents.

The profit for the year has enabled the Board to recommend a dividend of Lire 600 (the same as the previous year) on each of the 1,920,000 shares in issue, payable as from 5th July 1976.

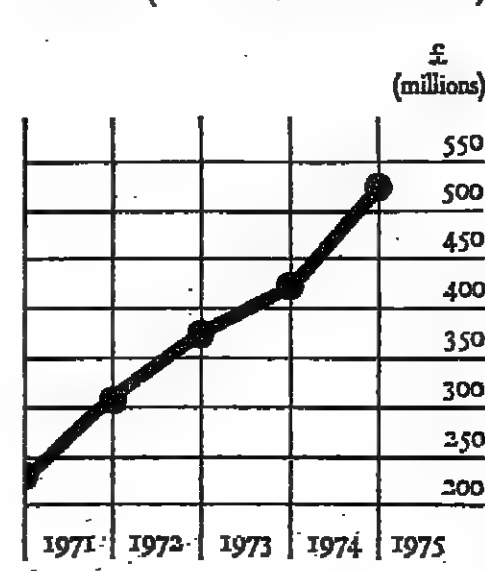
### HIGHLIGHTS OF ACCOUNTS (£) (\*)

RAS ONLY, DOMESTIC AND FOREIGN BRANCH OFFICES

1974		1975
120,975,836	Premium Income	162,428,063
13,381,126	Investment Income	16,590,027
58,532,251	Claims, Maturities and other Benefits paid	76,364,525
75,553,242	Insurance Reserves, Non-Life Accounts	95,669,587
157,409,944	Insurance Reserves, Life Accounts	202,753,773
1,120,271,833	Life Sums assured	1,519,470,450
6,297,147	Share Capital	6,940,930
22,477,907	General Reserves	38,571,068
855,253	Profit for the year	835,912

(\*) The original Italian Lire figures for 1974 and 1975 respectively have been converted into pounds sterling at the official exchange rates ruling at the end of each year, i.e., £ 1 = Lit. 1,354.5 at 31st December 1974 and £ 1 = Lit. 1,383.1 at 31st December 1975.

### PREMIUM INCOME OF THE RAS GROUP (ITALY AND ABROAD)



### SALES OF THE RAS GROUP

Premium income in 1975 (in £) (\*)

RAS and L'ASSICURATRICE ITALIANA (in Italy and abroad) . . .	285,961,305
Other Italian Group Companies . . . . .	38,801,087
Foreign Group Companies . . . . .	186,843,589
<b>Total premiums</b>	<b>511,605,981</b>

RAS Group Life Accounts, total Sums assured . . . £ 2,359,459,355



## THE FINANCIAL TIMES

Incorporated in England  
THE FINANCIAL NEWS  
(Established 1884)Head Office Editorial & Advertisement Offices:  
BRACKEN HOUSE, CANNON STREET, LONDON EC4A 3DF  
Telephone Day & Night: 01-248 8000. Telegrams: Financial, London  
Telex: 836341/2, 836397

For Share Index and Business News Summary Ring: 01-246 8826

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WEDNESDAY, JULY 7, 1976

## The duties of directors

Most people nowadays accept that a public company has duties and responsibilities that go beyond that of making profits for the shareholders. The problem is that these responsibilities have not been clearly defined and that the sanctions against a company which fails to fulfil them are weak or non-existent. This is especially true if the company is a public one, like Lorrho.

No one doubts the drive, ability and energy which Mr. Rowland has devoted to Lorrho, nor his conviction that he, and by which they are obtained. The loyalty of Lorrho shareholders to Mr. Rowland, the chief executive, was made clear in the 1973, when Sir Basil Smallpiece and other directors failed in their attempt to oust him; there is no reason to suppose that this loyalty will be undermined by yesterday's report from the Department of Trade inspectors.

## Independent

Yet the report, which is highly critical, pinpoints weaknesses which a good many other companies as well as Lorrho suffer from, though perhaps not so extreme a form. One concern is the extent to which the dominant boss of a company can hold some of his colleagues in thrall. The report describes the financial links which existed between Mr. Rowland and two of his fellow-directors, Mr. Ball and Mr. Ogilvy; it was intended to secure their loyalty to Mr. Rowland, and according to the inspectors, it tended to have that result. This made it more difficult for the Board to perform what the inspectors rightly describe as its primary function, which is to provide an independent check on the performance of the chief executive.

Secondly, the widespread belief among members of the public that directors are in a position to use their companies for personal advantage will be given some support by the Lorrho report. The option arrangements in the Nyasphere mine in Rhodesia and the purchase of a London flat for Mr. Ball (for which there was "no remuneration justification" in the inspectors' view) are two examples described in the report.

Thirdly, there was a persistent tendency for Mr. Rowland, sup-

## Reputation

In the U.S. the pressure for management changes has come from shareholders and directors, who have been concerned about the reputation of their companies, and from the Securities and Exchange Commission. The question which the Lorrho report raises for the U.K. is whether the exercise of the duties of directors should be more clearly defined and more strictly monitored, so that a strong-willed chief executive cannot ride roughshod over the Board.

## Towards expenditure cuts

THE MAIN point of practical importance in the Chancellor's speech yesterday was his formal recognition of the fact that GNP is likely to increase by 5 per cent. in real terms during the coming 12 months against the 4 per cent. he assumed at the time of the Budget; the corresponding estimate of growth in industrial production is 9 against 8 per cent. Even before this formal recognition that business is picking up faster than expected, the recent White Paper on inflation had stated that investment has to take priority over any increase in other public or private spending for the next few years and that the country needs both to adopt a new realism in its approach to public expenditure and to accept that, for some time, living standards cannot increase as much as in the years before 1973.

Last Saturday, when presumably he had the new estimate of GNP before him, the Chancellor was even more outspoken. To reduce the public sector borrowing requirement, he said, it might prove necessary either to raise taxation or cut expenditure. Since massive tax increases in the next Budget would put an intolerable strain on voluntary pay restraint, he went on, "we may be forced into some reduction in our plans for spending next year if we are to keep our covenants moving steadily forward until we achieve full employment."

## Profitability

He was careful to stress, it will be noticed, that if the Government is forced into expenditure cuts it will be because of the demands of the domestic economy rather than those of international bankers. Although the consideration of what cuts might be made is still at a very early stage—yesterday's Cabinet meeting was the first at which they were discussed—the Government will clearly be anxious to make its intentions known, over any length of time distant at least in outline, well before the economy and investment possibilities arise of having depends on profits.

The international pharmaceutical industry has seen its profits under pressure. Rhys David reports.

## Drug makers fear growing government intervention

OVER THE past few months the pharmaceutical industry has once again come under attack in a number of countries for charging excessive prices. Part of this may be the delayed backwash of the British Government's row with Roche, the Swiss-based concern, which was settled last year, but the trend towards increased intervention by governments is worrying all the manufacturers. This week the Association of the British Pharmaceutical Industry (ABPI) warned in its annual report that if profits went on falling, as they have done since 1967, the industry's ability to finance research, boost exports and do the other things expected of it would be in jeopardy.

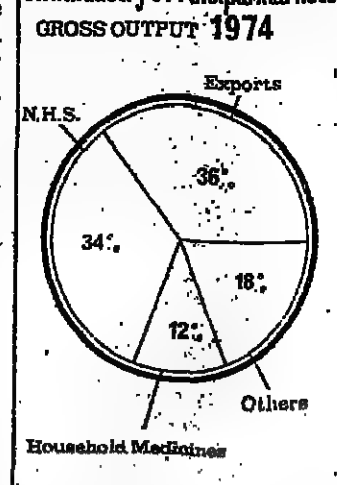
In Denmark within the past few weeks Roche has come under price scrutiny, and in Germany another case in which Roche is involved is still going through the courts. In Belgium companies have been ordered to put prices back to last year's August levels, while in France the Economics Ministry has recently taken action to reduce the prices of some 250 widely-used medical products, and has followed this with instructions to ten companies to cut back anti-biotic prices.

The EEC has similarly become involved, imposing a heavy fine, again on Roche, for what was deemed to be a breach of anti-trust rules, though an appeal may be lodged in this case.

The dilemma is that most countries want to have a strong pharmaceutical industry because it is a high added-value industry with jobs for highly skilled workers and the prospect of good exports. Also the industry is not heavily dependent on imported raw materials, is not energy intensive and does not produce environmental problems. Hence the importance attached by the Government to attracting new projects like those announced recently by the U.S. concern, Merck, Sharp and Dohme, and by Roussel-Uclaf, the French subsidiary of Hoechst. In Britain the Chemical Industry Economic Development Committee, in a recent report on chemical prospects 1975-85, pointed out that pharmaceuticals had been one of the major growth sectors within the industry in recent years and because of the characteristics already mentioned was well-suited to the U.K.

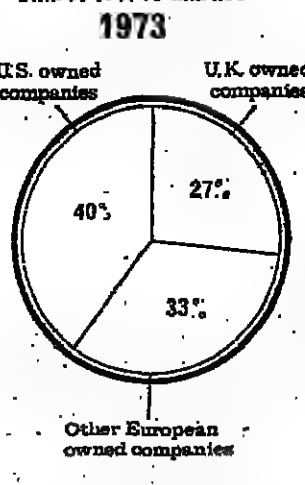
While this has been a reason for encouraging the industry, however, its growth has coincided with the spread of comprehensive medical care schemes around the world, and here the Government interest is very often different. In the U.K. the drug companies sell the bulk of their product to a monopolistic State buyer, the National Health Service, which is under continual pressure to reduce its costs. But in other

## U.K. Industry's Principal Markets



Source: OHE estimates

## Shares of NHS Market



Source: Intercontinental Medical Sales

countries, too, there is similar pressure to keep treatment costs down.

This is at a time when the industry is faced with increased costs, sometimes as a result of Government measures—for example increased product safety regulations. Research costs are also rising, partly because of inflation and partly because the rate of discovery is slowing down, as the industry concentrates on the more intractable illnesses where breakthroughs are proving more elusive.

The length of research which goes into developing a new and successful product can now amount to as much as seven years compared with 3-4 years a few years ago, according to Dr. Peter Cunliffe, chairman of ICI's pharmaceuticals division. In the same way, the number of test formulations needed to find one successful product can now be 15,000 compared with 5,000 some years ago.

For this reason the industry has sought to recover its costs in a number of markets, and to charge good prices for products in the short time before imitators are allowed in with similar but cheaper formulations. Total sales in Britain—around £500m. last year—amount to about 4 per cent. of the world market, and if the industry only had a market of this size to aim at, it would not be able to justify the level of research currently carried out in the country.

However, the internationalisation of the industry has heightened suspicion about its activities, and in particular its handling of transfer prices, and the effect has been to increase further the pressure under which the industry works. The latest example in Britain has been the recent publication by the Labour Party of a working party document which recommends much tighter controls over the U.K. pharmaceutical industry and the nationalisation of at least one major company.

The document claims that despite improvements over the last decade the pharmaceutical

industry still does not operate wholly in the public interest.

The criticisms, though fairly sweeping, are not new—and indeed the nationalisation proposal does not go as far as earlier demands, rejected by the Sainsbury's Committee's report on the industry in the 1960s. Nevertheless the proposals are causing concern in the industry not least because the working party was chaired by the present Health Minister, Dr. David Owen.

The main concern according to Mr. Michael Peretz, president of the ABPI is over future levels of investment in Britain where the 75 main producers consist of 30 U.S., 20 U.K., and 25 Continental manufacturers. The industry points out that the latest investment announcements reflect decisions taken some time ago and that there is a danger the U.K. could miss out in the next spending round. Signs have emerged in recent years that because of uncertain-

ty, some overseas companies are reluctant to continue their prices. Its return on capital on sales to the NHS has fallen, nevertheless, from 27 per cent. in 1967 to only 15 per cent. last year—not nearly enough, the ABPI claims, to justify the heavy risks involved in research expenditure.

A further indication of the Government's attitude will also

## INDUSTRY OUTPUT INDICES

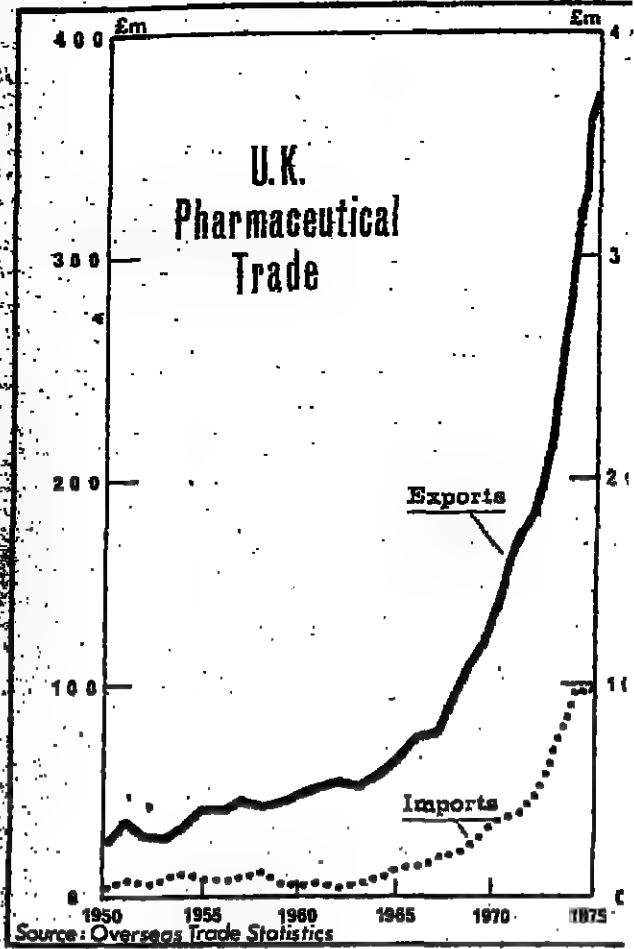
	1970=100	1968=74
All manufacturing industry	96	90
Chemical industry	99	95
Pharmaceuticals	100	100
Pharmaceuticals and preparation	102	101
Pharmaceuticals	102	106
Pharmaceuticals	111	125
Pharmaceuticals	108	134

% growth rate per annum  
All manufacturing industry 2.0%  
Chemicals 6.7%  
Pharmaceuticals 9.7%

Source: Department of Industry

ties, some overseas companies are reluctant to continue their prices. Its return on capital on sales to the NHS has fallen, nevertheless, from 27 per cent. in 1967 to only 15 per cent. last year—not nearly enough, the ABPI claims, to justify the heavy risks involved in research expenditure.

A further indication of the Government's attitude will also



Source: Overseas Trade Statistics

be given when discussions on the industry's promotional expenditure—another major area of criticism—are concluded. The expenditure on research and promotion has been roughly in balance in recent years. Both have represented around 12 per cent. of U.K. sales, though the proportion has been declining. One of the critics' main arguments is that nationalisation would make it possible to alter this proportion in favour of more research.

The industry's reply is that it is not worth conducting more research if limits are put on communicating information about discoveries, and that, furthermore, the level of U.K. promotional expenditure is already substantially below that of most other countries.

But although this argument has had little effect on the industry's earlier calls for a 25-30 per cent. reduction in the industry has pointed out, it would have reduced significantly the revenue of some of the learned international medical journals published in Britain. As a result it seems likely that when new proposals are put forward as expected shortly by the Government, there will be a formula allowing some magazine advertising to be classified as non-promotional. Thus, part of the reduction in promotional spending could be cosmetic.

The industry is hoping that resolution of this dispute can be accompanied by a settlement of its long-standing grievances forward by the Chemicals

## MEN AND MATTERS

## Can anyone keep Maxwell down?

Robert Maxwell, chairman of Pergamon Press, was in great form yesterday. He was announcing that Pergamon Press—now wholly owned by the U.S. company Pergamon Holding Corporation and with the shares in that holding company firmly held by Mrs. Maxwell and her French relatives—has "fully recovered its former prosperity in less than two years from its traumatic involvement with Leasco, the City Panel on Takeover and Mergers and a ditty DTI inspectors."

The irrepressible Maxwell insisted it was complete coincidence that he should produce his (now private company) figures on the day that the DTI reported on Lorrho was published. Nevertheless he took full advantage of the coincidence to have another bash at the DTI system. (He is, after all a veteran, since the inspectors into Pergamon produced no less than three reports.)

He also went to great lengths to point out that the Pergamon accounts have been audited by Coopers and Lybrand—the auditing firm which was appointed by Leasco, and since there is no auditor's qualification the results must be accepted as being prepared according to the same accounting procedures which Leasco set down when it had de facto management control of Pergamon.

Maxwell also claimed it is a total coincidence that the profit forecast for the current year means earnings per share exactly equivalent to the 12p a share bid to which Pergamon shareholders succumbed two years ago. Privately, he expected that his £1.65m. profit forecast would be exceeded and that £2m. would be nearer the mark. However he did admit that at least a quarter of the



"They're so used to rainy days it's never occurred to them before to save water."

would come from windfall profits as a result of exchange rate fluctuations.

At his complete ease in a suite at Claridges yesterday he gave the impression that he didn't have a care in the world.

## Brown greens

As the drought worsens, the first to face a change of life-style may be Britain's 2.2m. golfers, for the putting surfaces of England have a prodigious thirst.

On the other hand an outright ban on watering golf courses could ruin some of them for years, a problem at present exercising the nimble brain of Hugh Stovin whose company, Alphagreen, runs five golf courses.

The one that is most threatened at present is the Cold Ashby Golf Club near Crick, in Northamptonshire, in that at least a quarter of the

the Anglian Water Authority. Alphagreen has the 125-acre Cold Ashby site on a long lease and has so far invested £130,000, mainly on building the course and on converting a farmhouse into a clubhouse.

Says Stovin: "In this sort of weather a golf course consumes approximately 1,000 gallons per acre per watering, which is 40,000 gallons a week for two waterings."

"At the same time it is a well-known statistic that every man, woman and child in this country uses 40 gallons, domestically, per day, so what we may have to do at Cold Ashby is ask our 600 members to forego their showers. In this weather they just stay under the tap."

"We reckon they are using 15-20 gallons per shower. For a golf course with an average of 1,000 playing rounds a week, that is 20,000 gallons, or half what is needed to keep the golf course alive. Our members may have to make a simple choice: go without a shower or go without their golf."

Alphagreen's other courses are at Carshalton, Orpington, Edenbridge in Kent, and St. Albans. Stovin says that they cater for the popular end of the market. "For Heaven's sake don't say the bottom end. The notion that golf is still the preserve of the middle classes is a myth. After fishing it is the second biggest participant sport there is. We've got 60 London dockers as members at Orpington."

Stovin first went into golf course ownership when he realised that the return, per acre, could be as much as ten times greater than that from farming—he used to farm 350 arable acres from which one of his courses has been fashioned. His company is now turning over around £500,000 a year and is planning to branch out into golf-course design, construction and finance.

## Better-off blues

Still with sport, the Varsity Rugby match is to have a sponsor for at least the next three years, and probably longer. C. T. Bowring, the insurance group, is to put up £10,000 a year which the Rugby Union will then split between the Oxford and Cambridge University clubs. Grateful as the varsities will be, I suspect they might prefer some of the ex-players who now work for Bowring—Barry John for one.

## The oldest Smith

My friend Smith is causing a good deal of interest. Following my first story about his golf club captain taking a bath in his Rolls a reader yesterday supplied the story about the chauffeur who answers the radio telephone in the Rolls and says to the caller that he will just see if his boss is in.

To-day I report what I believe to be, the daddy of all these Smith stories, and I promise you that I do it by popular request. This is the one about the time that Smith finally gets his radio telephone in his Rolls, rings his boss's, only to be told by the boss's secretary that he is on the other line.

What amuses me most is the different names which different readers quoted yesterday as being involved in this apocryphal story. For example one mentioned Clure and Wolfson, while another plumped for Cudlipp and King. My favourite, however, was the last of a number of callers who suggested that I should print this story. I asked him which names in his company he wanted to attach. "Oh dear me no," he replied, "we don't even have a chairman who has a Rolls Royce."

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Why



Bordeaux has recovered from the scandal of adulterated wine, but Rupert Cornwell finds that the structural problems remain

# Why old claret will need new bottles

IS A quiet month in négociants who bought, aged, and sold it, is crumbling. In their place there is emerging a new generation of managers, and with them, Bordeaux is being brought up to date.

When the upheavals began in 1970, Bordeaux wines after a decade of stagnation were underpriced against their main competitors. That year's vintage was good and brought a flood of buying. The 1971 was inferior, but interest grew. Twelve months later clarets had become the hottest thing since California gold in 1949. No matter that the vintage was nothing to speak of, everyone believed that prices had nowhere to go but up. There is a wide choice of culprits: U.S. investors, multi-nationals, or whoever, but a large number of négociants joined the scramble. Next, 1973 produced a plentiful vintage and prices tumbled, helped on their way by the gathering economic crisis. Everyone had forgotten that the pie could only continue to grow if consumers were prepared to pay more. After the oil crisis, they weren't.



Harvesting grapes in the claret country.

The old guard is sceptical. "Wine isn't steel or another commodity," they say. "In any case it's too late." In fact though the CIVB claims that the merchants are in favour, and that what resistance there is really comes from the cooperatives, which have devised their own systems. The biggest unknown is the Government, which in the past has confined its attentions to making sure the best châteaux stay French. Indeed, the future of Margaux may in the end lie with the Agricultural Ministry without whose permission the reported bid by National Distillers of the U.S. could not go through. Local gossip says that it is for £5.57m. Should it go through, three of the five Premiers grand crus would be foreign-owned — Latour (S. Pearson) and Hautbrion (the American Dillon family) being the others.

Led by a new president, M. Jean-Paul Jaffret (brother of the tennis star François), the CIVB is on the move. The growers who left it in disgust at the 1974 price collapse are back, and the committee, helped by fresh minds and professional public relations support, plans to use the uncertainty to establish itself anew. Representing both négoce and growers, it failed to prevent the upheavals of 1970/74. It has a scheme to eradicate such fluctuations, centred on a buffer stock whereby wine would be taken off the market when prices fall, and pushed onto it when demand rose unduly.

The aim is to keep prices in a spread of Frs.2,000 to Frs.2,400 per cask, nudging the hand higher to keep in line with rising overheads. The difficulty though is to finance the intervention wine, which would be "borrowed" from growers in return for a 12 per cent bonus. M. Jaffret also intends to modernise the cobbled regulations surrounding Bordeaux wines, and persuade the Government to help the re-organisation of both sides of the industry.

M. Jaffret, who has threatened resignation if he fails to have his way, has bolder ideas still, including an annual conference of wine journalists in Bordeaux to give their suggestions. Bordeaux being Bordeaux, change will be slow, but such an innovation might do more than anything to sweep away the old hidebound atmosphere, so redolent of Maurice, and of the snobbish owner who asked the name of the flowers surrounding his chateau replied: "I don't know. Mais en Anjou, on les appelle begonias."

## Wreckage

From the peak of Frs.4,000 (about £475) for a 96-bottle bottle case, the price fell in near Frs.1,000. Everyone was hurt, the consumer by the pocketing prices which, as in their own, came down much more slowly than they went up. The grower who after a brief spell as Midos found prices quickly back below his break-even point of Frs.1,700. But no one suffered a greater blow to pride and pocket than the négociant. "The unbelievable spread of Bordeaux," one of them laments to-day surveying the wreckage.

may be too gloomy. But the trend is unmistakable. Some foresee mergers, perhaps prompted by the Government, to create groupings with the turnover of Frs.150m. Judged the minimum for security. The biggest to-day rarely top Frs.100m. Others expect takeovers from outsiders with the money to smooth out the distortions and offer export outlets, but Bass' example does not augur well. The most extreme view is that the négoce will shrink to the role of distributor, leaving just a few specialised merchants to deal on a highly personal basis. In the meantime, though, power is moving to the merchants which

kept out of the market in the giddy years, and perhaps to the growers themselves. M. Ginestet likens the Bordeaux wine market to an inverted pyramid. For the outside world Bordeaux means classed châteaux, but these only account for a small proportion of the overall 5m. hectolitres produced each year, half red and half white. The most celebrated appellations, Medoc, Graves, and Saint-Emilion, for example, between them produce only 380,000 hectolitres of a total A.C. red output of some 2m. hectolitres. Yet it is they, and above all the 157 classed growths they contain, that set the trends. The châteaux, the

## Intervention

The cash problems of the négociants mean that they can no longer buy up production as they used to. The gap is increasingly filled by co-operatives (especially in Saint-Emilion), or by aggressive newcomers opening on smaller margins and buying fixed quantities to meet firm orders. But these piecemeal solutions are no answer to the underlying need to rationalise the tiny producers into more

## Letters to the Editor

### e European

correct the views expressed, which in my opinion are mistaken.

In introducing greater professionalism into the credit control process the factor is working to reduce the average period of credit taken and protect the debtor time. Why does Mr. Darg state: "a factor is working to reduce the average period of credit taken and protect the debtor time" when overdues are eventually subject to statutory interest after, say, 30 days? I can only assume he believes factoring is "necessary" where debtors of a client take too long to pay their bills. This is manifestly incorrect. Many clients take little or no payment against debts prior to settlement. They are paying for the factoring service, an assurance that is true for other major factoring houses in the U.K. Second, how could the factoring industry in America have grown to an annual rate approaching \$20bn. in a situation where major debtors generally pay much more quickly than in the U.K.?

Mr. Darg is incorrect in stating "clients have to discount all debts. Generally, they have to factor all debts as only in this way can the service realise its full benefits. The 'discounting' or 'payment' facility is optional and often secondary from the client's view. For example, only one division, one or more specified export markets, or one or more subsidiary of a group, may be factored."

I do not agree that factoring is an "unnecessary cost." Even with a "system" of statutory interest the discipline of credit control will remain. Indeed, instead of reducing the need for such a discipline, we might have to extend it to provide for the collection of statutory interest. The net cost of factoring may be all or negative due to the expertise offered by the factor in control of the sales ledger. I emphasise that greater efficiency does not equate with inflation. Mr. Darg's analogy of factoring to "renting a pair of crutches" is scabrous but slightly unfair. Crutches do not allow the lame man to be on equal terms with his fellow citizens, nor do they overcome an inherent disability. A fairer analogy would be likening factoring to a pair of spectacles. It does allow the wearer (the client) to be on equal terms with his fellow sighted company with specialist credit control department) and corrects any defect without incurring the cost of a major operation.

M. Forman.

R. and H. Factors.

Randolph House.

46-48, Wellesley Road, Croydon.

## Get the money moving

Any act of business which, in effect, gives rise to a loss of buying power is bad in itself. If that loss is compounded by the necessity of borrowing money (at high interest rates) in order to try to restore some degree of that buying power, it is worse.

Both Mr. Darg and Mr. Forman (June 23) must be well aware that practically every company which buys also sells. If it cannot borrow more money it will, in fact, Peter and Paul half the credit terms with other suppliers. My institution is only too well aware that this is happening and knows of many members whose companies use factoring as a means of ensuring better liquidity. When people

### Managers and unions

From The Executive Secretary, Association of Professional, Scientific and Technologists.

Sir—The British Institute of Management's attitude to the "closed shop" issue has provoked sharp criticism from Mr. P. Abraham in his letter of July 2. This lack of policy by the BIM on this important issue may arise from a belief that somehow managers are excluded from the effects of recent legislation and that members of BIM would not be included in union claims for bargaining rights or closed shop.

The realities of the situation are quite different and demand a positive response from the BIM if it is to retain credibility as a professional institute for managers. In particular, the BIM's policy of whether or not managers should develop separate bargaining arrangements with their companies is called for. If so, the BIM should fulfil its obligations to the profession and advise managers what form such arrangements should take in order to have the full protection of recent legislation.

M. I. Gillibrand.

14, Harley Street, W.1.

### Frowning by the authorities

From The Acting Secretary, Society for Individual Freedom.

Sir—Discussing indexed bonds or loans, Samuel Brittan describes (July 1) one of the two major obstacles in the way of their introduction as being simply official disapproval. In his own words "knowledge that an indexed loan would be frowned upon by the authorities prevents the being made."

It is a sad state of affairs when a perfectly legal and potentially useful innovation is prevented from being tried out because authority disallows it. But what is the mechanism through which official disapproval has such a paralyzing effect on those with vision and enterprise?

Is it that mere frowning by the authorities brings every British building to heel, conscious that master must always know best? Or is it rather that anyone who disregards certain unwritten and extra-legal rules will be liable to suffer unfair treatment (without redress) in respect of the authorities' discretionary powers?

Something must be done to stop such abuses and to remind all concerned that government by decree and discretion is contrary to liberty and justice.

Monica Day (Mrs.).

Society for Individual Freedom.

55, Park Lane, W.1Y 4LB.

### Tangled in the Isles

From The President, Scottish Housewives' Association.

Sir—In his droll attempt to portray the tangle of measuring units A. D. Denton (July 3) proves the point we raised, namely, that metric units foisted on the domestic markets of this country would but serve to further confuse and harass the public.

There is no bar to those sections of industry and science which find metric units useful to them. Our plea is for Imperial units to remain in the domestic markets of Britain. That in no way interferes with foreign trading; it would save costly changing of machinery, and most importantly it would arrest the demoralising effect of constant changes to the framework of daily life.

Despite Mr. Denton's "dram" is the measure that fell from shopping use generations ago because it was too small to be useful. To impose on us a weight half that size (the gram) to weigh onions, fish, meat, etcetera is indefensible and inept.

But Mr. Taylor (July 2) is anything but droll on the subject of bluster, suggesting that all Britain's ills arise from our units

## To-day's Events

GENERAL National Economic Development Council meets under chairmanship of Prime Minister to consider Government's industrial strategy.

OFFSHORE Energy Technology Board's strategy for offshore oil and gas research and development published.

Result of Liberal Party leadership poll.

National Union of Mineworkers' conference, Douglas, Isle of Man. CBI Smaller Firms Council meets.

Financial Times two-day conference, Outlook for Commodities, ends, Royal Lancaster Hotel, W.2.

European and Japanese shippers' mission ends four-day visit to Leningrad.

House of Lords: Education Bill.

PARLIAMENTARY BUSINESS House of Commons: End of two-day debate on pay and prices.

Commons Select Committees. Nationalised Industries (Sub-Committee B). Subject: British Steel Corporation. Witnesses: TUC Steel Committee. Expenditure (Environment Sub-Committee). Subject: Planning Procedures. Witnesses: British Property Federation. Committee on Unopposed Private Bills: Foyle and Londonderry College Bill (Lords) and Yorkshire Water Authority (River Derwent) Bill (Lords).

second reading or, if Bill not received from Commons, debate on inflation.

COMPANY RESULTS Associated Newspapers Group (full year). Rothmans International (full year). Scottish and Newcastle Breweries (full year). John Waddington (full year).

COMPANY MEETINGS Alliance Investment. 1-2 Laurence Pountney Hill, E.C.2. 2.30. Ash Spinning, Shaw, 10.30. Dundonian, Institute of Chartered Accountants, Moorgate Place, E.C.12. P.C. Construction, Derby, 12. Foster Bros. Clothing, Solihull, 12. Gough Bros., Great Eastern Hotel, 11.

MUSIC Nicholas Jackson (organ/harp/choral) gives Bach recital, St. Lawrence Jewry next Guildhall, E.C.4. 1 p.m.

SPORT Golf: Open championship, Birkdale.

E.C. 11.30. Heath (C.E.). 14-30 St. Mary Axe, E.C.2. 12. James (Maurice), Coventry, 3. London Trunt, 44 Bloomsbury Square, W.C.12. Marks and Spencer, Dorchester Hotel, W.12. Sainsbury (J.), Connaught Rooms, W.C.12. Scottish Heritage Trust, Glasgow, 12. Shellharbour Price, Veybridge, 12. Teacher (Diallers), Glasgow, 11.30. Whiteley (B.S. & W.), Otley, West Yorks, 11.

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## Charringtons: a pattern of success

Points from the statement by Mr R.C. Hall, Chairman.

The year's profits after taxation were £157,000 better than the previous year, and the Board recommends a final dividend of 1.86p, making a total of 2.86p, a 10% increase on last year, and the ninth consecutive increase.

Although the turnover of our Solid Fuel company increased by £1.4m, this was caused entirely by inflation and conceals a reduction — considerably below the national average — in tonnage delivered. This Division produced record profits for the year.

The increase in turnover of our Fuel Oil Company also arose from inflation. There was a 1% reduction in tonnage delivered, compared with 14% nationally. The management are to be congratulated on producing profits £1.1m. better than the previous year.

Our Vehicles Division made a good recovery during the year with an improvement of some £300,000 in trading profits.

The profits of Rymp Ltd., builders' merchants, were almost identical with those for the previous year, but on turnover some 20% higher.

Our Transport & Warehousing companies produced profits slightly in excess of last year, and our Dundee operations continued to prosper, but the

withdrawal of more passenger ships from Southampton has adversely affected our Ships Stores trade.

A dramatic drop in wool prices was responsible for the reduction of £1.2m. in the profits of the Falkland Islands Company. However, we confidently look for an appreciable recovery in profits this year.

	1976	1975
Sales to external customers	£152,963	£136,543
Profit before tax	£341	£299
Profit after tax	£1,592	£1,435

	1.00p	0.70p
Dividends per share		
Interim	1.00p	0.70p
Proposed Final	1.86p	1.90p
Earnings per share	4.25p	3.83p

**Charrington,  
Gardner, Lockett  
& Co Ltd**

If you would like a copy of the Report and Accounts please write to  
The Secretary, Charrington's House, Bishop's Stortford, Herts.

## Tunnel reports: "A difficult but momentous year"



Mr J.D. Birkin, Chairman of Tunnel Holdings Ltd., said in his review of the year ended 28 March 1976:

"We have experienced a difficult but momentous year. The Group's highest pre-tax result to date of £6,274,000 (1975 £4,121,000) must be viewed against the complex background of the national economy and some unusual and difficult internal events.

The most significant of several important developments was the rationalisation of our West Thurrock clinker manufacturing operation.

Plans for the re-structuring of the Group management organisation were vigorously progressed. Decentralisation has taken place and the individual locations are now being established as autonomous profit centres. The resulting re-deployment of senior management means that considerable experience, expertise and drive can now concentrate on the pursuit of projects to secure sensibly related expansion."

"We have started the current year on a much improved base. The Group's solidity is underlined by the considerable increase in trading profit and the strength of the balance sheet."

Although the state of the national economy will inhibit us from capitalising to the full on the Group's stability and strength, solid foundations have been laid which should ensure more consistent levels of profitability in the future."

Salient points from the Annual Report & Accounts:

- return on capital increased from 11.7% to 17.1%
- Group's improved performance mainly derived from trading profits which are 81% up on 1975
- Liquidity even stronger with inflow of £4.547m
- cement operations profile much more competitive
- encouraging performance from associated companies in difficult economic conditions both at home and abroad
- expansion of investment in Australia, secured at minimal extra cost, ensuring better growth prospects
- maximum permitted dividend recommended, three times covered\*

	1976	1975
Group turnover	£49,959,030	£44,125,000
Profit before taxation	£6,274,000	£4,121,000
Profit after taxation*	£3,271,000	£2,143,000
Earnings per share*	27.7p	17.9p
Dividend per share	8.6682p	8.1357p

(\* before extraordinary items)

The 65th Annual General Meeting of the Company will be held in London on 28th July 1976.

Copies of the 1976 Report & Accounts may be obtained from:  
The Secretary, Tunnel Holdings Ltd, 16 Old Queen Street, London SW1H 9HT.

**TUNNEL  
HOLDINGS  
LIMITED**

### MINING NEWS

## Cornwall's tin is important

BY KENNETH HARRISON, MINING EDITOR

FOR THOSE who tend to regard Cornwall's tin mining industry as something of a quaint relic of past greatness it may come as an eye-opener to learn that last year the Duchy's mines produced 3,330 tonnes of tin, or 36 per cent of Britain's tin requirements, plus 562 tonnes of copper and 3,082 tonnes of zinc.

The value of these products was some £12m, a useful contribution to the U.K. balance of payments which could be more important this year against the background of a soaring tin price which is now over £4,700 per tonne compared with the 1975 average of £2,090 per tonne. Furthermore the mines paid out some £7.7m in wages and local charges last year and provided 1,620 jobs in an area short of employment.

Over the years the Geevor mine, near St. Just, has produced copper as a by-product but last year Cornwall's output of copper and zinc, as well as tin, was given a boost by the Consolidated Gold Fields group's new Wheal Jane mine which has some three miles south-west of Truro. The three metals are also likely to be produced at the neighbouring Canadian-Swiss Mount Wellington property which is now starting up.

The Cornish Mining Development Association's chairman, Mr. John Tronson, stresses in the association's annual report that Cornwall's metal production could be expanded considerably if Parliament would press ahead with the necessary mineral rights legislation.

This is urgently needed to remove the difficulties encountered by mining companies when trying to obtain the rights—often held by untraceable owners—to prospect and mine. Perhaps the soaring price of imported tin may at last stimulate some action on this score.

### PEABODY STILL UNRESOLVED

The saga of the divestiture of Peabody Coal by America's Kennecott Copper following a U.S. Federal Trade Commission order over a year ago is still unresolved and still seems to be some way from conclusion. Latest news is that Kennecott has rejected an offer from Utilities Group which was a consortium composed of several private electric utilities and Martin Marietta Corporation.

Discussions are understood to be continuing with two other prospective purchasers, however. These are Energy Resources Co-operative, which is a group of rural electric generating and transmission companies, and a consortium headed by American Electric Power Co. Inc. of New York. Meanwhile, Australia's Broken Hill Proprietary hopes to acquire all of Peabody's Australian operations. Kennecott is also studying a plan which would provide for a tax-free distribution of 80 per cent of Peabody's shares to Kennecott holders and the sale of the balance with a private purchaser acceptable to the Federal Trade Commission.

### ROUND-UP

South Africa's Witbank Consolidated Coal Mines "Coal mostly poised" to take advantage of the republic's recent 50 per cent increase in the permitted price for domestic coal sales. The chairman, Mr. Anthony Lee, says that Witbank has sold a great deal more coal than was anticipated in October when the last annual report was published.

In order to effect a saving of annual duty amounting to £2.50 (£1.50) per tonne on its share premium account of £124.8m. (1975 £124.8m.), Western Areas is to eliminate the present reserve account and transfer its content to a non-distributable reserve account which will not attract the duty.

Rhodesia's mining output had a record value in May of £81.19.5m. (£17m.). In the first five months of this year the mineral value, boosted by higher metal prices and increased production, has risen 40 per cent, and seems well

### MINING BRIEFS

GEORGINA TUN-June: 5,700 tonnes (1975 5,700 tonnes) Black Tin (100 per cent) 100% (100%)	100%	100%
WILKINSON TUN-June: Output of 22 tonnes (May 24 tonnes)	22	24
ROSA KONG TUN-June: Output of 1.6 tonnes (May 1.6 tonnes)	1.6	1.6
Twelve weeks to 19.7.76	19.7.76	19.7.76
Lead (per cent) 8.3	8.3	8.3
Lead (tonnes) 32.33	32.33	32.33
Lead (tonnes) 32.33	32.33	32.33
Zinc (per cent) 11.3	11.3	11.3
Zinc (tonnes) 45.18	45.18	45.18
Lead (tonnes) 32.33	32.33	32.33
Silver (tonnes) 32.33	32.33	32.33
Zinc (tonnes) 45.18	45.18	45.18

## Ferranti now in better position

MR. S. Z. DE FERRANTI, chairman of the Government-owned electrical and general engineering concern Ferranti, tells members in his annual report that there are signs that despite all the problems that have arisen the company's operations are in a better position than they have been for some time and "We may now look forward to a period of new equity growth on our recently extended and more appropriate capital base."

This year again the directors have felt it inappropriate to recommend the payment of an Ordinary dividend but the group is hopefully moving to a position in which "shareholders may receive some reward for their patience and loyalty."

While this must take into account the present uncertainties Mr. Ferranti says that "we can as a result of sustained effort and determination present a better and more promising picture than could have been anticipated last year."

As reported on June 25 results for the year to March 31, 1976, show a turnaround from a loss of £4.4m. to profit before tax of £4.1m.

The chairman states that while this figure still falls far below the target of £10m. it provides an adequate return on shareholders' funds employed in the last 18 months to control costs and to reduce the involvement in certain parts of the business. In particular, the loss from transformer operations has been reduced to £248,000. The Canadian company, Ferranti-Packard, has achieved a very substantial increase in profits, although the effect on U.K. cash flow has been limited by Canadian

### Wheway Watson

Wheway Watson Holdings, chainmakers, engineers and forgers, has the necessary production facilities to take full advantage of the expected upsurge in the economy during the second half of the current financial year, states Mr. W. Gibson Biggart, chairman.

Export deliveries for the company look particularly promising and should exceed the record of 20,833m. achieved last year, he tells holders in his annual statement. The maintenance of a strong financial position will remain a major objective in the coming year, he adds.

## Good start for 600 Group

MACHINE TOOL manufacturers, engineers, steel distributors and scrap processors, The 600 Group, has started the year well and Sir Jack Wellings, chairman, expects trading conditions to continue to improve in the current year.

On June 11 it was reported that pre-tax profit for the year to March 31, 1976 declined from £10.23m. to £8.23m. on turnover of £150.45m. (£151.91m.) and dividends are 3.321p net (£0.0615p).

Iron and steel products and services accounted for £77.58m. of turnover and £2.54m. profit, machine tools £46.41m. and £3.9m. and engineering products and services £24.47m. and £1.69m. The U.K. contributed £101.83m. to total turnover, Africa £11.54m. and the Middle East £7.79m.

As stated in the rights document, capital expenditure for the current year of £5m. has already been authorised, and substantially the whole of this will be used to improve and expand the facilities of the U.K. manufacturing and processing units. This will be financed from existing resources. The funds raised by the rights issue will enable the company to take advantage of opportunities arising, and an increase in the permanent capital base will also permit the financing of additional working capital and further fixed capital investment in the U.K. and overseas.

At year-end the approximate value of the group's land and buildings was £5m. in excess of the net book value of £14.34m.

Meeting, Grosvenor House, W., July 28, 11.30 a.m.

### comment

With several months of the current year under its belt, 600 Group is confident of making good progress for the year as a whole. There is substantial scope for recovery on the steel and scrap side, where profits were halved last year, and in machine tools and cranes buoyant export markets

should mean that the engineers, steel distributors and scrap processors, The 600 Group, has started the year well and Sir Jack Wellings, chairman, expects trading conditions to continue to improve in the current year.

## Williams Hu to withdraw proposals

Williams Hudson, he Mr. David Rowland, has to withdraw its controversial proposals for reducing the £3.5m. They claim that so far received are 743 in favour compared with 100 in view of the narrow margin involved. Mr. David Rowland, Chairman of the company, says it is 44 per cent against the proposals.

This outcome has been influenced by a drummed up by M. Ormond's Survivest group main fear here was that reduction, would be to share information without being, although Williams Hudson that such an issue is justified on the basis of published information, a Caribbean dividend have in the matter.

Williams Hudson says consider putting forward five proposals at a later date, when the price is 18p last night, compare par value of 20p.

### BIDS AND DEALS

## TDG offer to H. Cox

Comet Radiovision Services and McOmney have reached agreement whereby Comet has acquired the capital of McOmney for £298,000, and as part of the arrangements, all outstanding loans made by McOmney amounting to some £238,000, have been repaid and a contingent liability of £135,000 of McOmney relating to Canban Limited (Canban) will be extinguished. Canban, which assembles and markets Quartz LED watches and the shares in Canban held by McOmney have been acquired by the former shareholders of McOmney for a nominal consideration.

McOmney's sales for the year ended February 28, 1976, amounted to approximately £13m. and the net loss was £134,150. Net tangible assets at that date were £135,739 and, since then, further losses have been incurred.

### COMET ACQUISITION

Transport Development Group, the road haulage, storage and engineering concern, is offering 30p per share cash for the 7.7 per cent of H. Cox and Sons (Plant Hire) which it does not already own. In an agreed bid valuing Cox at £14.4m.

Terms have also been agreed for the acquisition of the Cox 94 per cent convertible unsecured loan stock 1980-85, of which TDG currently owns 47.4 per cent, for £22.34 cash per £100 of nominal stock.

Ordinary holders will be entitled to receive and retain the final dividend of 1.468p per share in respect of the year ended March, 1976.

The Cox directors have agreed to accept the offer in respect of their own shareholdings (360,876 shares). Cox's share price closed unchanged at 33p.

### LLOYDS BANK GUERNSEY

The Guernsey branch of Lloyds Bank Trust Company (Channel Islands) has merged with Lloyd Bank International Trust Corporation (Guernsey), formerly LBI Finance (Guernsey).

The merger will allow the company to offer a wider range of services, including the acceptance of deposits in sterling and foreign currencies, the administration in Guernsey and other jurisdictions of estates and companies; the management of international investment portfolios and customers' international funds.

### PMPA SELLS

Agreement has been reached whereby 1,834,851 shares of New Ireland Assurance Company (36.7 per cent) owned or controlled by PMPA is to be sold to the Union des Assurances de Paris. PMPA will receive a minimum of 121.5p per share—made up as 27.

### RESULTS AND ACCOUNTS IN BRIEF

BRITISH STEAM SPECIALITIES GROUP—Results for year ended March 31, 1976 reported June 25. Fixed assets, £2m. (£1.7m.). Current assets, £1.6m. (£1.3m.). and liabilities £2.2m. (£2.2m.). Chairman says sales for first two months of current year are in excess of those for corresponding period of last year. Meeting, July 28 at noon.

DELTA HOLDINGS—Due to nationalisation of estates in Sri Lanka but not possible to realise results there during 1976. Consequently there will be some delay in announcement of results.

EUSTON CENTRE PROPERTIES (Limited) owned by Stock Conversion and Investment Trust and George Wimpey and Co. Ltd. reported June 25. Fixed assets, £1,333,332 for year to March 31, 1976, before tax £39,739 (£39,739).

IMPERIAL CONTINENTAL GAS ASSOCIATION—Results for year ended March 31, 1976 reported June 25. Total group fixed assets £123.8m. (£123.8m.), including investment £17.5m. (£17.5m.). Net assets £106.3m. (£106.3m.). Cash and short-term deposits £11.6m. (£11.6m.). and overdrafts and loans £4.4m. (£4.4m.). In their report, directors state that special terms relating to profits and losses arising from realisations of investments and disposals have been taken direct to capital reserve instead of to profit and loss account for 1976. Results £24.7 No. 6. The effect has been to

decrease net asset profits by £78,000 (increase), Receipts by House, £2,717 at 11.30 a.m.

LONDON TRUST CORPORATION—Results for year ended March 31, 1976 reported. Investments, £2.2m. (£2.2m.). Net assets, £11.6m. (£11.6m.). Fixed assets, £2.2m. (£2.2m.). Chairman says that it becomes more difficult to replace these sold and to ensure profits. However the company has a surplus at the right price. The present economic climate he looks to assets realisation and profits coming year. Meeting, Russell St, July 28, noon.

TRUST INVESTMENT CORPORATION—For year ended May 31, 1976 with values reported June 25. To red profits, directors intend to declare dividend of 1.5p in December. I indicate any increase in value for 1976. Results £24.7 No. 6. The effect has been to

North Investment in 1976, making 1.5p (£1.5p). Revenue for year ended March 31, 1976, £2.2m. (£2.2m.). Results £24.7 No. 6. The effect has been to



## Electronic Rentals doing well so far

Six for the first two months of the current year at Electronic Rentals Group are running ahead of expectations, says the chairman, Mr. M. J. Py, in his report to shareholders.

Mr. Py indicated that the group's pre-tax profit for 1976 was a record £10m, provided there were no adverse changes in tax conditions.

Known, pre-tax profit for the year ended March 31, 1976 declined to £8.2m, from £10.5m, after external debits totalling £2.3m, mainly due to the chairman's statement that while there will be exceptional items in the current year they are all non-recurring.

Before exceptional profit was up by 24 per cent, from £8.2m to £10.1m.

During the year the group's investment in the year ended March 31, 1976, was £1.7m, from £0.7m in 1975.

The chairman said that the group's investment in the year ended March 31, 1976, was £1.7m, from £0.7m in 1975.

## Downturn for Tex Abrasives

FOR THE year ended March 31, 1976, profit of Tex Abrasives fell from £240,250 to £221,700, with the second half producing £150,033 (£159,333).

At the half-way stage the directors were hoping that the year's profit would not be very much lower than 1975.

Turnover rose 10.8m, to £9.73m. After tax £126,323 (£178,402) net profit came out at £153,233 (£161,887). The dividend is again 2.70p net per 10p share with a final of 2.08p net.

## Glass Glover tops £100,000 halfway

Turnover of Glass Glover Group improved from £3.3m to £7.61m in the six months ended March 31, 1976 and pre-tax profit was

## Davenport Knitwear

Profits of Davenport Knitwear show a slight improvement from £117,160 to £227,243 in 1975. The dividend is raised from 2.34p to 2.57p net per 10p share.

After tax £180,073 (£166,988) net profit was £247,109 (£251,214).

## ROME ALTA MODA 19-23 July, 1976

The Italian High Fashion Collections "Autumn-Winter 1976/77"

Reserved for Buyers and International Press

Participating Fashion Houses:

Balestra, Biki, Brugnoli, Capucci, Centinaro, Di Lazzaro, Fabiani, Fendi, Franco, Galitzine, Gregoriana, Lancetti, André Laug, Maruier, Melchiorri, Melegari e Costa, Mila Schön, Naldoni, Gribbene Zendman, Pellegrini, Ripà, Riva, Sanlorenzo, Sarli, Soldano, Tita Rossi, Tivoli, Tiziani, Valentino, Zingone, Ala Gritti—Grand Hotel: The Europei Group Leather Goods Selection

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# RENOLD

THE WORLD'S LARGEST MANUFACTURER SPECIALISING IN POWER TRANSMISSION



Statement by the Chairman, Mr. L. J. Tolley, C.B.E.

The 46th Annual General Meeting of Renold Limited will be held on 28th July at Renold House, Wythenshawe, Manchester.

The year 1975/6 was very difficult for most sections of the engineering industry throughout the world, as a result of the drastic change beginning late 1974, following two years during which demand was so high that it could not be fully met. The effect on the international operations of the Group varied, our heavy sector, which is concerned with industries such as steel, coal, oil and sugar, remained buoyant because of substantial order backlogs, whilst other sectors suffered severe reductions in demand. These latter reductions were in the volume sensitive products and to some extent were artificial in that they reflected over-ordering and over-stocking by customers in earlier periods.

In the circumstances, our trading profit of £13,852,000 and profit after taxation of £5,297,000, although less than the record results of the previous year must be considered reasonably satisfactory.

In current money values, a trading profit sufficient to keep pace with inflation and provide for investment, including expansion, would need to be at least £20,000,000. As a result of previous action, our United Kingdom capacity at the present time is already adequate and up-to-date and, unless the national economy is so organised as to permit the earning of profits of the necessary magnitude, it would be unwise to undertake large scale investment for the future.

In the United Kingdom, aggravating the fall in demand, results were further depressed by the inflexibility of the operation of the Price Code with its productivity deduction clause and the long delays between incurring cost increases and price recovery. While the effects of this may now be alleviated, its continued operation in the field of engineering products is completely unrealistic.

Activity and profit were reduced in Europe, particularly France and Germany, where they reflected the low engineering activity but this was offset by improvements in some other countries so that in total overseas profit was only slightly less than the previous year.

Our finances are in very good shape, thanks to tight control of stocks and cash and the proceeds of the rights issue last July.

### PERSONNEL

During the year, everyone faced severe problems. Inflation, high taxation, some short-time working

and the need for flexibility in work attitudes have all been taken in their stride with first-class co-operation throughout. Our joint consultation procedures have kept everyone informed of progress and have continued to work well. Our thanks are due to all employees for helping the Group to come through a difficult year so satisfactorily.

This year's United Kingdom Budget, in its attack on fringe benefits, gives the impression that such benefits are widespread amongst industrial executives but even if there are isolated examples they are not prevalent in competitive manufacturing industry. At Renold, for example, although, where appropriate, executives have company cars, we have no company housing, no low cost loans and no education or medical subsidies. The attack on company cars is unfortunate. This benefit has always provided a most necessary incentive to the ambitious executive in this over-taxed country and it is a benefit on which he already pays tax. Any further reduction in its value, or its elimination, will provide yet another reason for executives to seek greener fields.

### MANUFACTURING INDUSTRY IN EUROPE

On many previous occasions in the Renold Report, it has been emphasised and your attention has been drawn to the decline of manufacturing industry in the United Kingdom and its consequences. This decline is now spreading throughout the industrialised countries of Europe where more and more domestic manufacturers of finished products are opting out of manufacture in favour of imported products. Throughout Europe, all countries seem intent upon creating a post-industrial society before they have created the resources and alternative employment opportunities necessary to sustain such a move. This trend of particular concern to companies such as ours who supply engineering components, unless the finished product is manufactured in the United Kingdom and Europe, we have to look further afield for our markets and success becomes increasingly difficult as the newer manufacturing countries often engage in industrial chauvinism and economic participation is inhibited.

The industrialised countries must therefore reverse this trend of opting-out of manufacture, particularly here in the United Kingdom. People must be encouraged back into manufacturing industry by increasing its attractions and by decreasing the present advantages of service industries. Despite all recent apparent encouragement by Government, manufacturing industry in this country is still declining and, as a result, we at Renold have found it necessary to reduce the number of manufacturing locations in order to utilise our existing facilities more efficiently. Only manufacturing can create the nation's wealth and, until it is able to do so to a greater extent than at present, we must restrict resources for all services which represent the national overhead so that manufacturing and its people can be encouraged.

To get manufacturing industry everywhere back on the road to progress and growth is a mammoth task (indeed its decline may already have gone too far to be reversed) and it will need the co-operation of all. It will also need recognition that adequate profits are an absolute necessity, that investments when made must be efficiently utilised to maximum capacity, and that people in manufacturing industry must be rewarded adequately in return for a new commitment to produce more economically and efficiently than anyone else.

### GROUP RESULTS

	This Year £'000	Last Year £'000
Sales	101,292	89,381
Profit on Trading for the Year	13,852	16,284
— United Kingdom	7,067	9,387
— Overseas Companies	6,785	6,917
Profit attributable to Ordinary Stockholders	5,355	5,851
Ordinary Stock Dividend per unit of £1	7.6843p	7.0604p
Earnings per unit of £1	13.8p	18.0p

Earnings per unit of £1 are before adjustment for extraordinary items: 1975/6 £123,000, 1974/5 deficit £126,000—and take into account the rights issue in July 1975.

### THE ECONOMIC SCENE IN THE UNITED KINGDOM

Inflation is still the principal enemy. Although solid progress has been made in the battle since August of last year, we still have a long way to go. The depreciation of the value of the pound makes the task more difficult and strict internal discipline will be necessary for more than just next year. The responsibility for the economic scene is clearly that of Government and our response to Government. There is undoubtedly a new willingness in this country to respond to good Government leadership but it must be the real thing, with party dogma sacrificed in the interests of the nation and decisions made in the light of today's needs, and not the last election or preparations for the next one. With the world moving out of recession, with British oil now flowing and with our goods more competitive than ever, the country can move quickly into an era of prosperity provided we have the will to produce. Governments must sacrifice everything else over the next few years in the interests of production, and trade unions and companies must have only this priority. We must not fail again.

### GROUP PROSPECTS

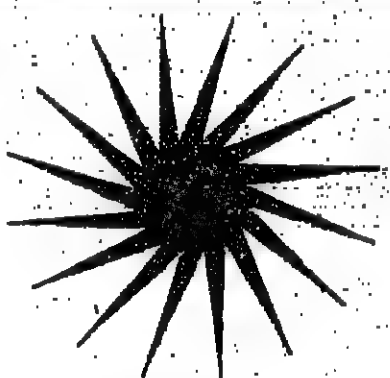
The success of the Renold Group internationally is dependent on the level of industrial activity generally and engineering and capital investment industries in particular. Progressively we have improved our ability to support these industries throughout the world and are in a good position to react quickly to greater activity. Also at home and overseas, some contribution will come from the new products which are being introduced and the new activities which are being explored. However, it is impossible to forecast with certainty the timing of demand-increase in all countries.

There is now real evidence of economic recovery in many countries of the world and the relevant Renold overseas activities are already confirming this evidence. The United Kingdom is almost certain to experience an export-led boom, although it will take a little time for this to be reflected in capital investment and improvement leading to increased demand for Group products.

Renold is ready to cater for this demand with its manufacturing capacity in various countries and with its world-wide sales network. While the first half of the year is likely to remain difficult we shall expect in the second half to do well.



RENOLD LIMITED • MANCHESTER



## Rediffusion ...in a strong position to take advantage of any opportunities

Sir John Spencer Wills (Chairman)

The forty-eighth Annual General Meeting of Rediffusion Limited will be held on July 28th at the Connaught Rooms, London.

The following are highlights from the Review by the Chairman, Sir John Spencer Wills, which has been circulated with the Report and Accounts for the year ended 31st March 1976.

### The year's results

Our television set business in the United Kingdom produced a marginal improvement in profit in spite of conditions discouraging growth. An intensive drive to reduce costs was relentlessly maintained throughout the year.

Outstanding results were achieved by the Redifon companies, which contributed over 20% of the total Rediffusion profits.

Operations abroad are still overshadowed by the losses incurred in establishing a new television station in Hong Kong.

Our interest charge shows a welcome reduction. Since the year-end we have completed the repayment of all money borrowed specifically for financing the expansion of colour television.

Our exports were almost half as big again as last year's.

### Television business in the U.K.

In the television set industry the effects of recession were accentuated by Government controls and discriminatory taxation, which added severely to costs and caused immense upheaval. The growth in the number of colour set rental customers was much less than last year's. Sales of colour sets held up much better. The decline in demand for monochrome sets continues—except for portables.

For practically the whole year new business suffered a punishing 25% rate of VAT. A reduction of the compulsory initial payments on hiring and hire-purchase in December 1975 had little effect on demand but in the Budget of 1976 the VAT rate affecting our business was reduced to 12½%. We cannot yet say whether the reduction in initial payments and the reduction of VAT, taken together, will give some impetus to our industry but the early indications are hopeful.

Cable-television will remain in the doldrums until Lord Anson's Committee reports. Our cable networks could carry new kinds of

television service if freedom in programming were to be allowed. In North America "pay-TV" on cable has become extremely popular.

We try to keep in the forefront technically. At Hastings, Rediffusion is now using optical glass-fibre conductors for carrying television signals along 1½ km. of its cable trunk route. This is believed to be the first commercial use in the world of a technique, which, one day, may revolutionise telecommunications.

### Electronic capital equipment

Redifon Flight Simulation has, again, taken the major share of world orders for airline flight simulators. It is the only company to have simulator contracts for all four of the wide-bodied jet aircraft. The highlight of the year's trading was a £2.25 million order for a device to simulate the in-flight refuelling of the B52 bomber, the first direct order to be placed with Redifon by the U.S. Air Force.

Redifon Computers Limited is now enjoying a major success—with output up by 70% in the year and profits trebled. It is one of the few British-owned companies giving a comprehensive service of design, manufacture, sales, servicing and rental of modern computer systems.

Redifon's overall good results were achieved despite a setback in its Telecommunications company, mainly attributable to a shortfall of orders in the Marine Division resulting from the depressed state of world shipbuilding.

### Music services

The profit from our music services improved and we are hoping for good results from these activities in the current year.

### Associated companies

The profit of Rediffusion Television was not as much as in the previous year. An increase in the interest it earned offset to some extent reduced earnings from Thames Television.

Thames Television's advertisement revenue has improved considerably in 1976.

Rediffusion Holdings suffered a considerable loss, due to heavy interest charges incurred by its subsidiary, Wembley Stadium, on money borrowed to finance its major building works at Wembley. The Conference Centre, due to be completed before the end of 1976, has already attracted a large number of advance bookings.

New among our associated companies is Southern Rentals in which we have acquired a 30% interest, and a first option on the remainder.

### Overseas operations

In Hong Kong three television stations are now battling for audiences. Rediffusion Television, in which we have a 63½% shareholding, was the second station to be licensed. We were prepared for it to make a substantial loss again, on the scale of the previous year's, and this turned out to be the case. It has not yet achieved the share of audience at which it aims. But our management team has been strengthened and we believe it now to be the best in Hong Kong. It has not yet had time to show its full capability. Some of RTV's programmes are already attracting large audiences during "prime time" and advertisers' support seems to reflect their confidence in the station. Hong Kong's economic recovery is well under way and the total television advertising potential is certainly growing. We have every confidence that RTV will prove to be a first-class television broadcasting company. We are responding to its need for further money and we are hopeful of seeing a ready response also from the majority of our fellow shareholders.

In Malaysia and in Singapore our operations achieved satisfactory results.

In Trinidad, our television set business increased its profit. Radio Trinidad, our

broadcasting station, maintained its level of profitability. In Barbados the revenue of our company has not kept pace with expenditure, with an inevitable further reduction in profits. Radio Demerara, in Guyana, and Radio Jamaica, both improved on last year's good results.

Delta-Benco-Cascade, our Toronto-based subsidiary, ended a difficult year, which I predicted in my last Review, with a loss. Although it cannot be expected to make a profit in 1976, it may at least be trading at break-even level at the end of that year.

In the latter part of 1975 Rediffusion and Barlow Rand merged their related interests in South Africa by forming a new company in which they are jointly associated with the Standard Bank. This new associated company, called Telarama-Rediffusion Holdings, is participating in a television boom, following the inauguration of television broadcasting in South Africa.

### The outlook

Control of inflation is still the essential prerequisite for the resumption of real prosperity in industry. Although some welcome progress has been made in the reduction of the rate of inflation, there is still a long way to go before this evil can be said to have been mastered. Whilst the difficulties affecting some of our overseas interests have not yet been fully overcome, we can hope for a better result from our overseas operations generally. We expect the Redifon companies to show further improvement. Overall, the Group should continue to make steady progress and is in a strong position to take advantage of any favourable opportunities which may occur.

A copy of the Accounts containing the Chairman's Review can be obtained on application to The Secretary (F.T.), Carlton House, Lower Regent Street, London SW1 4LS.

REDIFFUSION



## INTERNATIONAL COMPANY NEWS + EURO MARKETS

## VW set for recovery

WOLFSBURG, July 6.

THE VOLKSWAGEN AG Group will make profits this year and has a fair chance of completely wiping out losses carried forward from 1974 and 1975 providing current trends continue, board chairman Herr Toni Schmücker told the annual meeting.

He said the group carried forward losses were around 850m marks including nearly 700m for the parent company.

He added VW aims to return to a dividend payment as soon as possible and the group has made considerable progress towards permanently working at a profit. VW last paid a dividend in 1973 of 4.5 marks.

Herr Schmücker said signs point to 1976 being a record sales year in Germany for VW, after a 17.3 per cent rise to around 388,000 VW and Audi cars delivered to customers in the first half over the same 1975 period.

New domestic orders were unusually high in the first quarter. Special shifts had to be introduced to meet demand and sales will therefore continue high for the next few months, he added.

Herr Schmücker said worldwide group deliveries to customers in the first half were a provisional 1.1m units—1.8 per cent below the first 1975 half. However, sales in the second half should be above the same 1975 period, leading to a sales rise of between 3 and 5 per cent for the whole year. Reuter.

## Kubota export plans

KUBOTA plans to double its exports in the year to April 1977, from Yen25,000m, or 4.3 per cent, of its net sales in the previous fiscal year, the executive managing director, Mr. Shigeaki Mino, said.

Exports of agricultural tractors will rise to 14,000 units from 8,000, of which 5,000 (5,000) will go to the U.S. and Canada. Reuter reports from Tokyo.

Mr. Mino said the company recently sold 500 agricultural tractors for the first time in Britain and shortly plans to set up a sales office in London. Kubota has already established tractor sales subsidiaries in France, Canada and the U.S. and is aiming for sales in Africa.

Mr. Mino said exports of cast iron pipes, which with tractors make up the bulk of overseas sales, will increase this year to at least 20,000 (20,000) tonnes in view of increasing demand from the Middle East.

He repeated a recent company forecast of a net profit between Yen22,000m, and Yen24,000m, (Yen23,000m) on net sales of Yen45,000m, (Yen44,732m) in the current year.

## SELECTED EURO-DOLLAR BOND PRICES

## MID-DAY INDICATIONS

STRAIGHTS	End	Offer	CONVERTIBLES	End	Offer
Australia 10% 1982	104	105	American Express 4% 1982	70	70
Australia 10% 1983	104	105	American Express 4% 1983	70	70
Australia 10% 1984	104	105	American Express 4% 1984	70	70
Australia 10% 1985	104	105	American Express 4% 1985	70	70
Australia 10% 1986	104	105	American Express 4% 1986	70	70
Australia 10% 1987	104	105	American Express 4% 1987	70	70
Australia 10% 1988	104	105	American Express 4% 1988	70	70
Australia 10% 1989	104	105	American Express 4% 1989	70	70
Australia 10% 1990	104	105	American Express 4% 1990	70	70
Australia 10% 1991	104	105	American Express 4% 1991	70	70
Australia 10% 1992	104	105	American Express 4% 1992	70	70
Australia 10% 1993	104	105	American Express 4% 1993	70	70
Australia 10% 1994	104	105	American Express 4% 1994	70	70
Australia 10% 1995	104	105	American Express 4% 1995	70	70
Australia 10% 1996	104	105	American Express 4% 1996	70	70
Australia 10% 1997	104	105	American Express 4% 1997	70	70
Australia 10% 1998	104	105	American Express 4% 1998	70	70
Australia 10% 1999	104	105	American Express 4% 1999	70	70
Australia 10% 2000	104	105	American Express 4% 2000	70	70

NOTES	End	Offer	CONVERTIBLES	End	Offer
Australia 10% 1982	104	105	American Express 4% 1982	70	70
Australia 10% 1983	104	105	American Express 4% 1983	70	70
Australia 10% 1984	104	105	American Express 4% 1984	70	70
Australia 10% 1985	104	105	American Express 4% 1985	70	70
Australia 10% 1986	104	105	American Express 4% 1986	70	70
Australia 10% 1987	104	105	American Express 4% 1987	70	70
Australia 10% 1988	104	105	American Express 4% 1988	70	70
Australia 10% 1989	104	105	American Express 4% 1989	70	70
Australia 10% 1990	104	105	American Express 4% 1990	70	70
Australia 10% 1991	104	105	American Express 4% 1991	70	70
Australia 10% 1992	104	105	American Express 4% 1992	70	70
Australia 10% 1993	104	105	American Express 4% 1993	70	70
Australia 10% 1994	104	105	American Express 4% 1994	70	70
Australia 10% 1995	104	105	American Express 4% 1995	70	70
Australia 10% 1996	104	105	American Express 4% 1996	70	70
Australia 10% 1997	104	105	American Express 4% 1997	70	70
Australia 10% 1998	104	105	American Express 4% 1998	70	70
Australia 10% 1999	104	105	American Express 4% 1999	70	70
Australia 10% 2000	104	105	American Express 4% 2000	70	70

## Merck court order shakes German Cartel Office

BY A. H. HERMANN

BY LIFTING the Cartel Office order that E. Merck, the large German pharmaceutical group, must reduce the prices of its Vitamin B-12 products, the Federal Supreme Court has felled one of the pillars on which price control over "market-dominating" companies was designed to rest.

The full text of the judgment is not yet available and the brief press announcement only makes it clear that the Supreme Court in Karlsruhe accepted neither the Cartel Office view of market dominance nor the Berlin Appeal Court's view that Merck held a "paramount position" on the Vitamin B-12 market.

The Merck decision of the Cartel Office, made in February 1975, was the first in a series of "price-control" decisions which stirred a passionate discussion in German business press.

The reversal of it by the Court

is in tune with the stance taken by the Cartel Bench of this court, presided over by Dr. Robert Fischer, the Court's President, when interpreting the German Competition Act (1973) on other occasions. On the whole the Supreme Court has firmly resisted any regulatory ambitions nurtured by the Cartel Office.

After Merck's victory, Hoffmann-La Roche, must have taken fresh hope that it could win its appeal against the price-cutting order made by the Cartel Office in respect of Valium and Librium, which is still pending.

The Federal Supreme Court said that Merck did not have a market dominating position as it lost 40 per cent of its volume sales of Vitamin B-12 products in the eight years up to 1974. The Federal Cartel Office held that in spite of reduced volume Merck could maintain its profits

by resisting to follow the lower prices of its competitors. This was possible, said the Cartel Office, because doctors became accustomed to prescribe not generic Vitamin B-12 but the well-publicised products of Merck.

In fact the Cartel Office and the Appeal Court of Berlin accepted that the strong position of Merck did not depend on market shares and the absence of competitors but on the hold which this company had on the prescribing doctors.

In this respect the Merck case must be seen as part of the wider efforts to bring doctors' prescriptions under some sort of control, obliging doctors to prescribe generics or at least the cheaper of the available specialties. It causes promoted particularly by German health insurance institutions.

## ACB assets hit all time peak

BY PAUL LENDYAI

VIENNA, July 6.

THE GROUP balance-sheet assets of Austrian Commercial Bank rose by 20 per cent to an all-time peak of Sch.316bn. (almost £10bn.) in 1975 and accounted for 38 per cent of the total assets of the Austrian credit institutions last year.

This is revealed in the 1975 report just issued by the Association of Austrian Banks and Bankers, which has 34 members, including all commercial and regional banks, merchant banks, bank purchase institutes and the central institutes of the credit co-operatives.

The report states that in January, 1976, savings deposits held at the banks (as distinct from savings banks) passed the Sch.80bn. mark for the first time. Only one-third of these accounts constituted ordinary savings and

deposits on 5 per cent interest. The remaining two-thirds were on longer than statutory notice bearing higher interest rates.

With regard to credit business, the report reveals significant shifts which in turn have reflected the economic recession.

Thus commercial credits including all headings expanded by only 12.8 per cent to Sch.168bn. compared with 1974's 158 per cent. Loans to the public sector were up by 64 per cent, export finance by 21 per cent, and personal loans by 18 per cent. The share of loans of the balance sheet assets dropped from 43.4 per cent to 37 per cent, while investment in bonds rose from 5.8 per cent to 7.3 per cent of the total.

Though industry, commerce and trade still account for the

## PTT order for five new systems

By Robert Mauthner

PARIS, July 6.

FOLLOWING THE French Government's choice last May of American and Swedish telephone exchange systems for the medium-term and a new generation of French exchanges for the longer term, five new Metacoia space-division switching systems have been ordered by the PTT, the French Post Office.

CCCT, which has remained an PTT subsidiary after the purchase by the French electrical group Thomson-Brandt of majority stakes in the American company's other French subsidiary, LMT, and the Swedish company Ericsson's French offshoot, has won a contract for three of the Metacoia exchanges, while LMT has obtained an order for another two.

Further orders for two or three Ase exchanges, also space-division switching systems, will be placed in 1976 with Ericsson, France, now a member of the Thomson Group, by the French Post Office, which will thus completely overhaul its ageing equipment in some of the major French cities such as Marseille, Lyons, Nantes and Orleans.

Altogether, these exchanges represent nearly 100,000 new lines, the first stage of a massive telephone modernisation programme which will cost the French Post Office as much as Frs.104bn. (about £12bn.) over the next five years.

By 1980, the PTT expects to order 1,500 new lines of the Metacoia or Ase systems, 2.5m. new lines of the time-division digital E-10 system developed by the Compagnie Generale d'Electricite's subsidiary CIT-Alcatel and 9.7m. lines of the more traditional "cross-bar" system.

## Record Rio Bourse

RIO DE JANEIRO'S Bourse index reached a five-year high of 4712.4 points after one of the most active trading weeks in recent years, Bourse sources said.

Recent trading produced the highest turnover this year of 42.5m. shares, with transactions worth a total of Crs.157m. The value of Sao Paulo's Bourse turnover also reached a 1976 high of Crs.91m. at the end of June.

Bourse sources said current gains, which are the highest since advances after last May's law allowing foreign capital investment on the exchange, stem partly from the recently strengthened government plan to strengthen the private sector.

The sources said other factors in the rise are the expected inflow of money from the 157 local incentive funds, several good annual results from quoted companies, and speculation on a bonus issue for the Bank of Brazil, following the one from Petrosul recently.

## Ansett's Bic stake

ANSETT TRANSPORT Industries said it purchased a 50 per cent stake in Bic Brio and Gollin from Gollin Holdings for an undisclosed sum, Reuter reports from Melbourne.

Bic Brio of the U.K. holds the remaining 50 per cent. The company, which makes pens, disposable cigarette lighters and razor blades,

## SINGAPORE HOTELS

## All change in a flat market

BY H. F. LEE IN SINGAPORE

HOTELS are not a healthy business in Singapore. The decision by Far Eastern Hotels Development to sell the 410-room Singapore Hilton is only one symptom of the malaise.

Apartment from the Singapore Hilton, no less than five other hotels in the city, have been put on the market. The past few months or have been put on the market.

Many of the present owners were drawn into the industry during the euphoric hotel boom in the late sixties. But this, even though the industry cycle during the last few years has either landed them in financial straits, or caused them to re-assess the prospects or viability of their operations.

The Singapore Hilton, which over the past six years has ended up more in the red than in the black, is being offered \$85m. (£3m.).

The funds, according to Far Eastern, are urgently required to help finance the purchase of four long-range vessels. This follows the company's decision to out of hotels altogether and move into shipping activities.

In the same week as the Hilton announcement, the uncompleted 500-room Tanglin Hotel, after years of indecision by its owners, was sold to a leading hotel operator, Mr. K. K. Teck, P. S. Teck, chairman of Singapore's biggest hotel chain, the Goodwood group, for an undisclosed sum.

This is the second time the Tanglin Hotel has changed hands. It was first planned in 1968, at the height of the hotel room shortage, but construction work stopped in 1970 following a change in ownership.

Construction was only resumed in November last year and by the time it is completed next year, it will cost a total of \$85m. (£3m.).

Other hotels which changed hands or were put up for sale over the past few months include the Singapore Hyatt, the Oberoi Imperial Hotel, Hotel Summit and Orchard Inn.

The 334-room Singapore Hyatt, managed to stay in the black, profits in most cases were mar-

## INFLATION ACCOUNTING

## Australian accountants work on the problem

BY JAMES FORTH

AUSTRALIA is currently infatuated with changes to the established methods of accounting. The profession is working towards bringing out a standard on inflation accounting, with

prodding from the stock exchanges and the Government is also committed to introducing changes over the next three years to allow for the effects of inflation. Moreover, the accounting profession is also attempting to iron out bugs which have cropped up in the recently introduced tax effect accounting, with encouragement from corporate regulatory bodies.

## Exposure drafts

The profession has been looking at the question of inflation accounting for some time, and has previously issued exposure drafts on current purchasing power accounting (CPP) and current value accounting now renamed current cost accounting (CCA). CPP has apparently been shelved in favour of the CCA method. A provisional accounting standard is now expected to be issued before the end of September as an important step towards the eventual introduction of the new method. CCA is the conceptual base for the

recommendations on company value of the business, being depreciated amount of depreciation over the next three years.

The Committee recommended allowing companies to adjust stock values to account for inflation and also the depreciation to be indexed. The issue of a CCA standard will encourage companies to familiarise themselves with the new method of accounting, but its introduction is probably still about 18 months to two years away. The stock exchanges have now weighed in and written to all listed companies in Australia, requesting that they examine the exposure draft on CCA. The chairman of the exchanges, Mr. J. Campbell Johnston, said the exchanges considered it appropriate that public companies give a lead in this important area of information.

They want listed companies to move as rapidly as possible towards a position in which they could produce full current cost accounts. The companies have been asked to include, in a statement or commentary to the annual accounts, estimates of the effect of inflation on their operations. The accounting had now stated that the use of tax benefits to reduce a loss will be "heavily discouraged." A revised method had been published as soon as possible.

## CSR expansion programme

BY OUR OWN CORRESPONDENT

SYDNEY.

CSR LIMITED, the major Australian sugar, building materials, pastoral and minerals group, will allow increased crops plans to spend \$A180m. (£24m.) over the next six years, expanding and modernising its sugar activities.

In addition, the group's 50 per cent-owned Australian and Kanto Cement is studying plans for a large new cement plant in New South Wales. If it goes ahead, it will require between \$A50m and \$A85m.

In the annual accounts released to-day, directors said that future years should benefit materially from the heavy programme of capital expenditure which will allow increased crops from recently-expanded sugar cane growing areas.

CSR spent \$A53m. in this area in 1975/76. Work over the next few years would bring total expenditure to more than \$A110m.

Work also began on a \$A70m. programme to upgrade plant and to increase operating efficiency at the company's six sugar refineries. The programme will extend over six years and took \$A5m. in 1975/76.

CSR owns 85 per cent stake in the Mo man project. Philbata's share of 19 per cent was \$A22.5m.

Total capital expenditure 1975/76 was \$A180m., expected to be around \$A180m. for the current year.

Referring to the Mo man iron ore venture, CSR said it was the year, largely brought capacity up from 35m. iron ore to 40m. tons.

CSR owns 85 per cent stake in the Mo man project. Philbata's share of 19 per cent was \$A22.5m.

## Top level talks at Goodrich

BY MICHAEL VAN OS

A DELEGATION of top-level Dutch Economies Ministry officials has left for the U.S. for talks with the Goodrich Board over the future of the company's extensive operations in Holland.

The three-man delegation, headed by Mr. Josef Molkenboer, the Ministry's director general for manufacturing.

The negotiations followed Goodrich's announcement last month that it may be forced to liquidate its fully-owned Dutch tyre and general rubber products manufacturing activities, putting the jobs of some 4,800 men in jeopardy.

A spokesman for Goodrich-Europe said in Loosduinen to-day that the ministerial delegation would be having talks in Akron, Ohio, with Goodrich president Mr. A. Pendleton Thomas and two vice-presidents, Messrs. Tony Vittone and John D. Ong.

One of the main factors that binds the former Goodrich companies, the latter's wish to continue its presence in the EEC and the fact that around half the production at the large Enschede tyre plant consisted of Goodrich tyres which are sold to several European car manufacturers.

It is understood that some main decisions will have to be made before the next Goodrich Board meeting in Ohio on July 17.

If the Goodrich management cannot present to the directors a "favourable report" on the state of negotiations, the Board could then decide to liquidate the Dutch operations which have begun to affect the financial position of the Goodrich group.

Meanwhile, Reuter reports that the chairman of the parliamentary commission for economic responsibility, he

affairs, Mr. K. Wieringa, would be for the Dutch state and unmanipulated partner to third stake each in Dutch operations.

Goodrich told the Ministry that July 11, previously set for reaching an agreement with the Dutch on the future of its tyre operations, is no deadline. Mr. Wieringa

is not known whether the third partner, the Dutch unit, Mr. J. van der Stoep, is still in the picture. The state-owned company, NV DSM, is resting in acquiring a might step in an emergency.

The Ministry is not to allow Goodrich to withdraw from its operations and to relinquish responsibility, he

These securities having been sold, this announcement appears as a matter of record only.

## NEW ISSUE



Kuwait Dinars 3,000,000

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Byblos Arab Finance Bank (Belgium) S.A. The Commercial Bank of Kuwait s.a.k.

Kuwait Financial Centre s.a.k. The National Bank of Kuwait s.a.k.

1st July 1976

Handwritten signature or stamp in Arabic script.



# POINTMENTS

## D. Robson to head Guinness Mahon

Donald Robson is to be an of GUINNESS MAHON, merchant banking mem- the Guinness Peat Group. take up his appointment gust 1 and will succeed Blam Villiers, who is to chairman of the British Corporation in September. bson, a past joint general of Westminster Bank, domestic and foreign, has chief executive of Inter- Commercial Bank for ears. Also joining the s Mahon Board on August non-executive director, will Julio E. Nunez, an asso- f Mr. Loel Guinness who n closely connected with ik.



Mr. Donald Robson

I. D. Sainsbury has been a trustee of the VAL GALLERY in suc- Miss Mary Woodall, whose office has expired.

C. A. Alvarez has been ed chief executive of R ARGENTINA, a sub- of The Wellcome Foun-

HEATH GROUP has ed Mr. J. W. Pryke as nderwriter for C. E. Heath (writing), pending the re- of Mr. J. M. Couper- n next year. Mr. D. J. has become a director of Heath (Aviation Reinsur- ings).

eger W. Stone has been ed a director of CENTRE- SECURITIES.

David M. Bowick, chief e (railways) of the 4 RAILWAYS BOARD, has ppointed a full-time mem- the Board for five years. ick will continue to hold ion of chief executive.

R. Crane, an executive of Imperial Metal Indus- a been elected president BRITISH NON-FERROUS S FEDERATION for 1976- le succeeds Mr. L. C. W. who is deputy chairman, cutive director of Thomas and Sons. The following sidents have also been Mr. R. H. Asserson, Mr. nett, Dr. J. M. Butler, Mr. phins, Mr. M. A. Haslflow W. L. E. Shankland, Mr. succeeds Dr. N. Swindells urer.

cas Serota of Hampstead n appointed to the chair- of the ADVISORY LL ON THE PENAL SYS- following the death of Sir 1 Younger.

following have been ed full-time chairmen of "RIAL TRIBUNALS" for ster: Mr. Harold E. Day, uly 12) and Mr. E. T. (from October 1).

F. J. Healy has been a member of the GARDEEN MARKET RITY, succeeding Mr. udor, who has retired.

ay Tindle has joined the of ESSEX AND EAST N NEWSPAPERS in a cutive capacity. Mr. Tindle t president of the News- ivity and is president of ater London Newspaper ion.

eter J. Greene has been d a local director of W. WARD with respons- the sales of Ketton

Tom Wood, marketing of CHLORIDE INDUS- BATTERIES, has been d marketing director for and the U.K., and Mr. Pritchard, the company's onal sales manager, has ade export sales director.

following directors of the ry companies have been ed directors of EVANS Mr. F. S. Andrie, Bentley, Mr. J. Berkhou, C. Chesher, Mr. D. S. and Miss A. F. White.

obert A. Napier has been d managing director of HIP TOWAGE, a member ecan-Group. He succeeds a A. Eades, who retired d of June but continues itant to the company. Mr. joined Ocean Transport ading in 1966. He was d director of operations rme administration for fleets in 1973.

ON BAY MINING AND NG of Toronto, has d Mr. Robert Cairns president — explorations. I succeeds Dr. J. Blair who has become presi- d chief operating officer upration Consolidated

Charles I. Ball, a director lays Bank, Barclays Bank management and Barclays n Bank, has been d chairman of BAR- MERCHANT BANK in f Mr. D. E. Wilde. Mr. a vice-chairman of Bar- ank, remains a director of Merchant Bank. Mr. Ruston, an assistant, has been appointed a of Barclays Merchant

K. P. Shea has been ed a director of SUT- SPEAKMAN AND CO. r. A. Flint has become

Robert R. Tarter, Mr. J. level of services. Environmental Bonnyman and Mr. Ray, services and education would be H. N. Russell have been hit hardest.

lected assistant directors of BANKERS' TRUST INTER- NATIONAL, the merchant bank subsidiary of Bankers Trust Com- pany, New York.

Mr. J. Duncan Murray, com- pany secretary of MYDDLETON HOTELS, has been appointed a director.

Mr. Ronald Carter, Mr. Frank Thompson and Mr. Norman Wat- son have been appointed to the Board of AUSTIN AND PICKERS- GILL.

Mr. E. W. Osmond and Mr. G. E. Morris have been appointed deputy group managing directors of the INTERNATIONAL PAINT COMPANY.

The following changes have been made in the FIRTH CLEVE- LAND sub-group of GKN: Mr. M. B. Derbyshire, formerly manag- ing director of Totectors has been appointed managing director of the industrial division of Firth Cleveland and chairman of four of the five companies which form the division. He has also joined the Board of GKN Farr Filtration, the fifth company in the division. Mr. M. P. Rathbone remains on the Board of those companies. Mr. A. J. Hutchins, formerly pro- duction director, has become managing director of Totectors in succession to Mr. Derbyshire.

Mr. C. P. Franklin has been appointed president of the ROYAL INSTITUTION OF CHAR- TERED SURVEYORS for 1976-77.

Mr. Eric E. Myers has been appointed a director of GABRIEL AND CO.

Mr. J. T. Forbes has been appointed member for personnel and industrial relations to the SCOTTISH TELECOMMUNICA- TIONS BOARD. He succeeds Mr. W. S. E. Weeks, who has retired.

Mr. R. H. Malaprice has been appointed to the Board of ROSS- MINSTER TAXATION SERVICES.

Mr. W. P. Evans has been appointed director of personnel, GYNNED GROUP SERVICES. He was formerly with Alcoa of Great Britain.

Mr. J. Dickson Leach, chairman and managing director of ENG- LISH AND AMERICAN INSUR- ANCE, will retire at the end of November. Mr. E. E. Jenkins, at present a joint deputy chairman of the company, has been appointed to succeed him as chair- man with effect from Nov- ember 30. Mr. Dickson Leach has already resigned as managing director and Mr. P. D. Evans, at present director and general manager, has become managing director in his place. Mr. J. W. Rampole continues as deputy chairman.

Mr. D. C. Lyon has been appointed chairman of THOMPSON GRAHAM AND CO. from September 1. He will succeed Mr. W. D. McClure, who retires from that position, but will remain on the Board. Mr. D. E. Corbett is to be managing director from that date and Mr. R. F. Rowell will retire from the Board.

Mr. F. A. Johnson has been appointed vice-president, customer support of DE HAVILLAND AIRCRAFT OF CANADA with Mr. P. E. Halsey as his deputy.

Mr. E. H. Taylor has been appointed managing director designate of DUCTILE SHEET STOCKISTS. It is intended that he will succeed Mr. A. G. Crumpton the present managing director of that company. Ductile Steels is the parent concern.

Mr. Ron Tulley has been appointed chairman of COIT U.K. The parent concern is Coit Drapery Cleaners Inc., of the U.S.

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## U.K. 'backwardness' only a myth, says Chloride chief

FINANCIAL TIMES REPORTER

MR. JOHN RAY, managing director of Chloride Europe, the battery company, told 40 over- seas diplomats and businessmen in Manchester yesterday that they should forget myths they heard of British industrial back- wardness.

The Chloride Group's battery plant at Swinton, Manchester, was selected by the Foreign Office as an example of progres- sive and profit-making British industry.

Representatives from 24 coun- tries of the Organisation of Economic Cooperation and Development toured the battery- making plant at Swinton.

Mr. Ray told them that one of the myths abroad was that Britain was a nation on strike all the time. However, from 1972 to 1975 Britain had a better record concerning strikes than some other equities.

### Deliveries

"It is true that some British companies have a poor record of deliveries, but by far the majority have a good record. The companies which have poor records have learned that they must get the goods to their customers on time."

"The British worker is as good as any worker in the world and we have 51 countries with which to make a comparison."

"There is a myth that British

management is bad. It used to be bad, but it is good now. One of the things with which we have to contend now is the drain of British management resources to all parts of the world.

"We do have a problem of pro- ductivity, which is a legacy of the past, but companies are really getting down to the problem now."

Of the Chloride Group, Mr. Ray said: "We have made investments in people, markets and technology which together will meet the challenge of the future."

"Our group philosophy has been to put as much decision- making as possible down to company level, involving people in decisions which affect our future."

### Philosophy

He believes that this was the philosophy which had made the Chloride Group into the world's largest manufacturer of re-charged batteries and the world's most profitable battery company.

Erna Ursula Besser, a Berlin MP, said: "We have been most impressed by our visit and by the good management-union relations which the company enjoys."

The visit of the overseas visitors to the Chloride plant was arranged by the Foreign Office conference centre in Sussex.

# The next FT Eurobond List appears next Monday.

The FT Eurobond List is the Association of International Bond Dealers' official List of Eurobond Quotations and Yields.

Published monthly by the Financial Times as an integral part of the newspaper, it is an essential work of reference for anyone investing, borrowing or involved in this important market.

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which will help you find all the facts you want fast.

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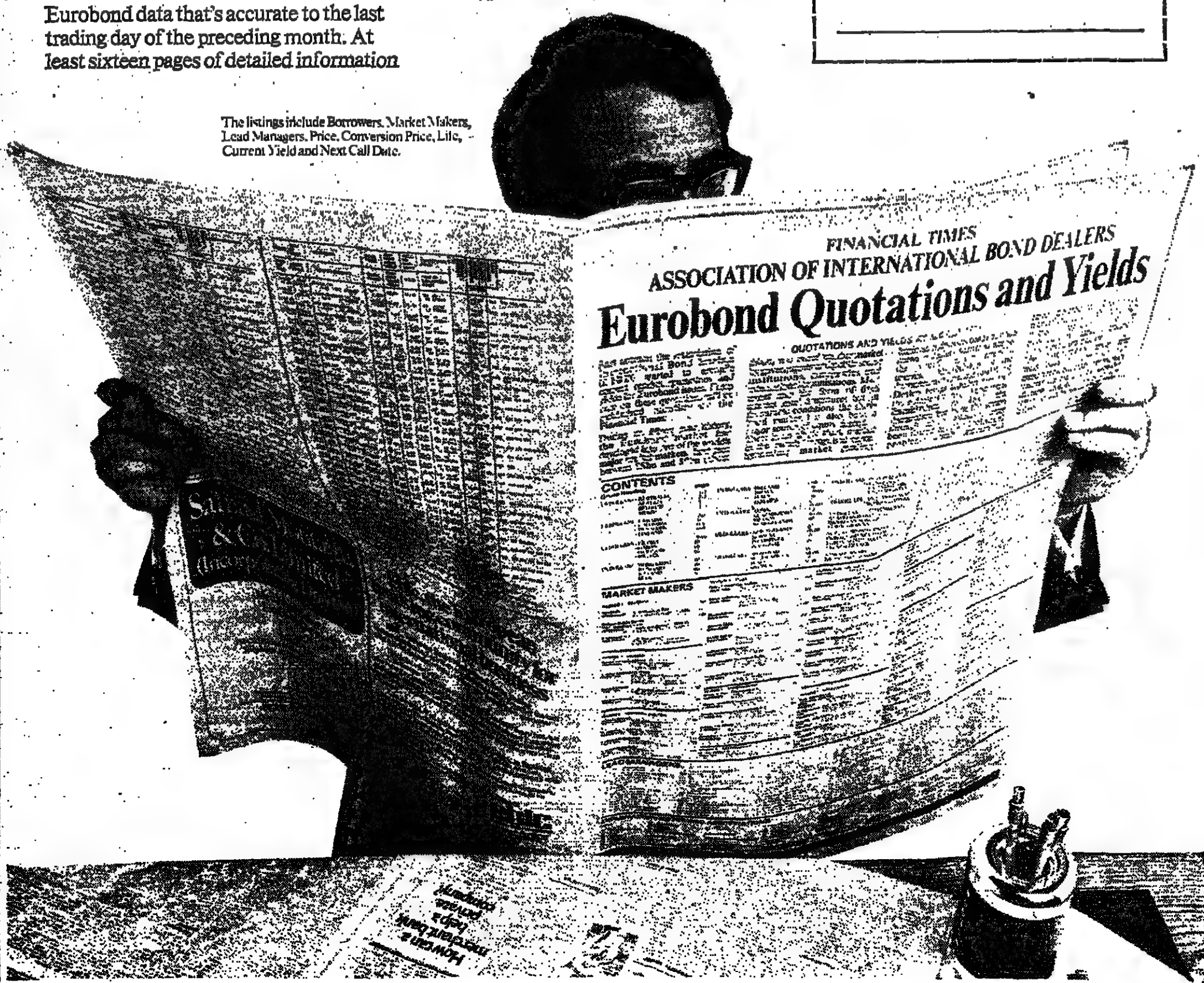
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ADVERTISEMENT

**MR. SHOJI KAMAI** has been appointed PRESIDENT of THE YASUDA TRUST AND BANKING CO., LTD. from 29th June, 1976.

succeeds Mr. YOSHIRO TOZAWA who retains his appoint- of Chairman of the Board. Mr. YOSHIO YAMAGUCHI become a Senior Managing Director and Mr. FUJIO AYAMA has been appointed Managing Director (Inter- nal). Mr. HISAAKI SUZUKI has joined the Board of ctors and retains his appointment of General Manager of the London branch of the bank.



# London Clearing Banks' balances

at June 16, 1976

THE TABLES below provide the first monthly indication of the trends of bank lending and deposits, ahead of the more comprehensive banking and money supply figures published later by the Bank of England. Tables 1, 2 and 3 are prepared by the London clearing banks. Tables 1 and 2 cover the business

of their offices and their subsidiaries (excluding Scottish and Northern Ireland banks) in England and Wales, the Channel Islands and the Isle of Man which are listed by the Bank of England as falling within the banking sector. Table 3 covers the parent banks only. In this, it is comparable with the figures

produced by the Bank of England, which show the reserve positions of all the banking sector subject to credit control. Minor differences arise from the exclusion from the clearing bank figures of Co-ops, a subsidiary of National Westminster but a clearing bank in its own right.

TABLE 1. AGGREGATE BALANCES

	Total outstanding	Change on month	Total outstanding	Change on month
	£m.	£m.	£m.	£m.
<b>LIABILITIES</b>				
Sterling deposits:				
U.K. banking system	2,007	+ 86	1,917	+ 173
Other U.K. residents	22,758	- 15	2,634	+ 87
Overseas residents	1,027	- 15	274	- 7
Certificates of deposit	1,796	+ 150	337	+ 28
of which: Sight	1,732	+ 259	979	- 53
Time (inc. CDs)	14,363	+ 357	1,745	+ 37
Foreign currency deposits:				
U.K. banking system	2,007	+ 110	469	+ 24
Other U.K. residents	508	+ 25	35	+ 4
Overseas residents	5,002	+ 179	297	+ 69
Certificates of deposit	1,653	- 21	35	+ 3
<b>Total deposits</b>	<b>12,941</b>	<b>+ 288</b>	<b>5,174</b>	<b>+ 44</b>
<b>Other liabilities</b>	<b>12,654</b>	<b>+ 198</b>	<b>1,321</b>	<b>+ 10</b>
<b>TOTAL LIABILITIES</b>	<b>45,595</b>	<b>+ 486</b>	<b>6,495</b>	<b>+ 54</b>
<b>ASSETS</b>				
Sterling:				
Cash and balances with Bank of England	1,081	+ 88	309	+ 30
Market loans:				
Discount market	1,072	- 359	1,072	- 359
U.K. banks and discount market	4,370	+ 24	2,615	- 173
Certificates of deposit	87	+ 138	295	- 2
Local authorities	1,091	+ 12	88	+ 18
Other	57	- 36	19	- 1
<b>Total sterling assets</b>	<b>8,688</b>	<b>+ 88</b>	<b>4,104</b>	<b>+ 54</b>
Foreign currency assets:				
U.K. public sector	1,885	+ 35	1,885	+ 35
U.K. public sector	951	+ 13	951	+ 13
Overseas residents	2,722	+ 24	933	- 1
Other foreign currency assets	5,108	+ 29	434	+ 24
<b>TOTAL ASSETS</b>	<b>48,610</b>	<b>+ 504</b>	<b>6,571</b>	<b>+ 9</b>

TABLE 2. INDIVIDUAL GROUPS OF BANKS' BALANCES

	Barclays	Lloyds	Midland	Westminster	Williams & Glyn's
	£m.	£m.	£m.	£m.	£m.
<b>LIABILITIES</b>					
Total deposits	2,007	2,758	2,007	2,007	2,007
Cash and balances with Bank of England	1,081	1,081	1,081	1,081	1,081
Market loans:					
Discount market	1,072	1,072	1,072	1,072	1,072
U.K. banks and discount market	4,370	4,370	4,370	4,370	4,370
Certificates of deposit	87	87	87	87	87
Local authorities	1,091	1,091	1,091	1,091	1,091
Other	57	57	57	57	57
<b>ASSETS</b>					
Total sterling assets	8,688	8,688	8,688	8,688	8,688
Foreign currency assets:					
U.K. public sector	1,885	1,885	1,885	1,885	1,885
U.K. public sector	951	951	951	951	951
Overseas residents	2,722	2,722	2,722	2,722	2,722
Other foreign currency assets	5,108	5,108	5,108	5,108	5,108
<b>TOTAL ASSETS</b>	<b>48,610</b>	<b>48,610</b>	<b>48,610</b>	<b>48,610</b>	<b>48,610</b>

TABLE 3. CREDIT CONTROL INFORMATION (Parent banks only)

	Barclays	Lloyds	Midland	Westminster	Williams & Glyn's
	£m.	£m.	£m.	£m.	£m.
Eligible liabilities	18,715	17,735	18,715	18,715	18,715
Reserve assets	2,007	2,007	2,007	2,007	2,007
Reserve ratio (%)	10.7	11.3	10.7	10.7	10.7

## Banking figures

(as table 9 in Bank of England Quarterly Bulletin)  
ELIGIBLE LIABILITIES, RESERVE ASSETS, RESERVE RATIOS, AND SPECIAL DEPOSITS

	June 16, 1976	Change on month
£m.	£m.	£m.
<b>Eligible liabilities</b>		
U.K. banks	18,715	+ 172
Scottish clearing banks	2,031	+ 42
Northern Ireland banks	1,598	- 58
Accepting houses	5,725	+ 25
Other	2,943	+ 63
<b>Overseas banks</b>		
American banks	2,943	+ 63
Japanese banks	257	+ 37
Other overseas banks	1,745	+ 4
Consortium banks	130	+ 6
<b>Total eligible liabilities*</b>	<b>34,027</b>	<b>+ 289</b>

	June 16, 1976	Change on month
£m.	£m.	£m.
<b>Reserve assets</b>		
U.K. banks	2,634	+ 87
Scottish clearing banks	274	- 7
Northern Ireland banks	337	+ 28
Accepting houses	979	- 53
Other	469	+ 24
<b>Overseas banks</b>		
American banks	35	+ 4
Japanese banks	297	+ 69
Other overseas banks	35	+ 3
Consortium banks	35	+ 3
<b>Total reserve assets</b>	<b>5,174</b>	<b>+ 44</b>

	June 16, 1976	Change on month
£m.	£m.	£m.
<b>Ratios %</b>		
U.K. banks	13.9	+ 0.3
Scottish clearing banks	13.5	- 0.6
Northern Ireland banks	21.1	+ 2.4
Accepting houses	17.1	- 1.0
Other	15.9	+ 0.4
<b>Overseas banks</b>		
American banks	13.4	- 0.7
Japanese banks	17.0	- 2.4
Other overseas banks	26.7	+ 0.6
Consortium banks	13.2	-

	June 16, 1976	Change on month
£m.	£m.	£m.
<b>Constitution of total reserve assets</b>		
Balances with Bank of England	382	+ 90
Discount market	1,500	- 204
Other	168	- 26
U.K. Northern Ireland Treasury Bills	1,870	+ 188
Other bills:		
Local authority	101	+ 24
Commercial	694	+ 27
British Government stocks with one year or less to final maturity	349	- 55
Other	5,174	+ 44

	June 16, 1976	Change on month
£m.	£m.	£m.
<b>2-Financial houses</b>		
Eligible liabilities	300	+ 7
Reserve assets	31.7	- 1.1
Ratio (%)	11.4	- 0.6
Special deposits at June 16 were £801m. (down £8m.) for banks and £8m. (unchanged) for financial houses. * Interest-bearing eligible liabilities were £23,114m. (up £368m.). * Figures for Northern Ireland banks were not available because of industrial action by bank employees. Total figures for all banks for June include those for Northern Ireland banks for May 1976.		

## COMPANY NOTICES

**WESTERN AREAS GOLD MINING COMPANY LIMITED**  
(Incorporated in the Republic of South Africa)

### NOTICE OF GENERAL MEETING

Notice is hereby given that a General Meeting of members of Western Areas Gold Mining Company Limited, will be held in the board room, Consolidated Building, corner of Fox and Harrison Streets, Johannesburg, on Thursday the 25th day of July, 1976, at 10.00 a.m. for the purpose of considering and, if deemed fit of passing with or without modification the following resolution as a special resolution:

"That, subject to confirmation by the Supreme Court of South Africa, the share premium account of the company amounting to the sum of R124,831,460.45 be and it is hereby declared and that such sum be transferred to an account to be titled 'Non-distributable Reserve Account' and that application be made to the Supreme Court of South Africa (Witwatersrand Local Division) for confirmation of the aforesaid elimination of the share premium account of the company and that any one of the directors of the company is authorised to take such action and to sign all such documents as may be necessary for that purpose."

Reasons for and effect of the special resolution.

The annual duty payable by the company in terms of section 174 of the Companies Act, 1973 is calculated at the rate of two rand and fifty cents per each ten thousand rand or part thereof of the issued share capital of the company plus its share premium account. The proposed special resolution will eliminate the share premium account and transfer the amount thereof to a non-distributable reserve account. The reduction of capital required for the purpose of the proposed resolution will be effected by means of a special dividend payable in cash to the shareholders of the company. The Share Transfer Books and Register of Members of the company will be closed from 23rd to 25th July, 1976, both days inclusive. A member entitled to a dividend will be entitled to receive the dividend on or before the 25th day of July, 1976, at a poll, vote in his stead. A proxy need not be a member of the company.

JOHANNESBURG CONSOLIDATED INVESTMENT COMPANY, LIMITED.  
Secretaries,  
D. F. R. Bouslogue

Head office and registered office:  
Consolidated Building,  
Corner of Fox and Harrison Streets,  
Johannesburg 2001.  
(P.O. Box 590, Johannesburg 2000.)  
8th July, 1976.

**NOTICE TO THE HOLDERS OF PERPETUITY**

Following the increase in capital of the company, the holders of the company's shares are entitled to a dividend of 10% on the nominal value of the shares. The dividend will be paid on or before the 25th day of July, 1976, at a poll, vote in his stead. A proxy need not be a member of the company.

**INTERNATIONAL BOND ISSUE**

We are offering for subscription a new bond issue of £10,000,000. The bonds will be issued in denominations of £1,000 and £5,000. The interest rate will be 10% per annum. The bonds will be redeemable on or before the 25th day of July, 1976, at a poll, vote in his stead. A proxy need not be a member of the company.

**TORAY INDUSTRIES, INC.**  
(Formerly Toray Rayon Kabushiki Kaisha)

**W. G. WARBURG & CO. LTD.** announce that a dividend of 2.50 pence per share has been paid to shareholders on the basis of the above Company's accounts for the year ended 31st March 1976. The dividend will be paid on or before the 25th day of July, 1976, at a poll, vote in his stead. A proxy need not be a member of the company.

**THE BRITISH TRADING GROUP LIMITED**

**NOTICE TO THE HOLDERS OF PERPETUITY**

**NOTICE TO THE HOLDERS OF PERPETUITY**

**NOTICE TO THE HOLDERS OF PERPETUITY**

## EDUCATIONAL

**LEARN EVERYDAY FRENCH**  
IN PARIS OR CANNES  
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Small classes at all levels. Also individual courses (20 or 45 hours weekly). Enrolment at any time. Self-service restaurant, parking.  
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78 rue Olivier de Serres, 75015-Paris

## LEGAL NOTICES

**IN THE HIGH COURT OF JUSTICE**  
Chancery Division, Companies Court, in the Matter of the Companies Act, 1948, and in the Matter of the Companies Act, 1967, and in the Matter of the Companies Act, 1980, and in the Matter of the Companies Act, 1985, and in the Matter of the Companies Act, 1990, and in the Matter of the Companies Act, 1995, and in the Matter of the Companies Act, 2000, and in the Matter of the Companies Act, 2005, and in the Matter of the Companies Act, 2010, and in the Matter of the Companies Act, 2015, and in the Matter of the Companies Act, 2020, and in the Matter of the Companies Act, 2025, and in the Matter of the Companies Act, 2030, and in the Matter of the Companies Act, 2035, and in the Matter of the Companies Act, 2040, and in the Matter of the Companies Act, 2045, and in the Matter of the Companies Act, 2050, and in the Matter of the Companies Act, 2055, and in the Matter of the Companies Act, 2060, and in the Matter of the Companies Act, 2065, and in the Matter of the Companies Act, 2070, 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# FINANCIAL TIMES REPORT

Wednesday July 7 1976

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## MERSEYSIDE DEVELOPMENT Insurance Group Headquarters

A. N. Brockman  
ature Correspondent

NEW Merseyside head-  
s for the Royal Insurance  
y in Liverpool has  
an added distinction to  
be run-down area.  
is a peculiar fringe of  
tural opinion which  
at the role of the archi-  
to "change" society. Far  
tempting such a tenuous  
e the Royal building has  
roperly been tailored to  
assurements of that part  
ty which it is to serve.  
ecture can obviously  
duce a continual string  
ks of genius; such are  
rily rare. Neither must it  
ed to continue flooding  
id with the weak and  
re examples so prolific  
the last 30 years. Hap-  
scene is changing, some-  
ether quickly but often  
th a serious attempt to  
se the effects of interior  
and of external appear-

Liverpool example is of  
nterest from both these  
of view, but as with all  
cture the first impact is  
d by the sight of the ex-  
This fact is not always  
ated by architects them-  
who through their func-  
training have learned,  
reasonably, to design a  
g from the inside out on  
unds that the user is of  
unt importance. This is  
d to the previous age of  
cture which during the  
part of the nineteenth  
y first chose the style in  
it was to design and then  
the user into the mould.  
exterior appearance of a  
y and its relation to, or  
ice upon, its immediate  
nment is, I submit, of  
importance to the com-  
ce of its inmates.  
building, steel framed  
with concrete, floors,  
up in receding masses

aced with greyish-brown con-  
crete panels. The panels con-  
sist of a vertically ribbed coarse  
gravel aggregate which, after  
three years in position, has  
weathered consistently. Window  
openings are surprisingly few,  
forming an irregular and in-  
teresting vertical counterpoint  
across the several faces of the  
edifice.

The design contrasts de-  
cidedly with the adjoining tower  
of the Liverpool Daily Post, but  
surprisingly seems to possess  
some slight affinity with the  
nearby monumental Liver build-  
ing and the great ventilation  
tower of the Mersey Tunnel; the  
Liver building dates from the  
early part of this century and  
the ventilation tower from 1835.  
Massing is most effective and,  
although apparently fortuitously  
irregular, falls into a definite  
symmetry in its upper parts  
when viewed from the land-  
ward.

### Quality

The 1966 brief from the client  
was for a building of high  
quality serving diverse and  
specialised needs and with flexi-  
bility for operational changes in  
the future. The seven-acre site  
is shared with the new building  
for the Liverpool Daily Post on  
an overall plan providing also  
for ancillary shopping and office  
development, new vehicular and  
pedestrian routes and a municipal  
car park for 1,100 cars.

The working brief for the  
interior included, in addition to  
departmental office areas and  
their ancillary accommodation,  
a 200-seat lecture theatre,  
cinema, printing works, staff  
training centre, medical centre,



All office floors are open plan.

gymnasium, dining halls, coffee deep open plan, while the need entrance level and five floors master plan separating foot  
lounges and a computer centre to reduce vertical movement below housing servicing facili-  
of 38,000 square feet. from the entrance hall meant ties and car park.  
The form of the building grouping the largest and most A concourse with shops contains the conference hall and  
arose from the client's wish to densely populated departments serves the main entrance to cinema, training department  
house each major department at the lower levels; hence the both the Royal Insurance and computer centre. In the  
where possible on a floor of its irregular pyramidal form of the Liverpool Daily Post buildings level above are the dining  
own. This led to the develop- rooms, coffee lounges and gym-  
ment on the office floors of the storeys above: the pedestrian which form part of the City's nasium. These two levels are

served by escalators in addition  
to the lifts. The general  
management suites are in the  
two topmost storeys, with seven  
floors of offices in between.  
The office floors are all on an  
open plan. Even the lift lobbies  
are not shut off from the floor  
by doors, there is a free passage  
flow through them from one  
part of the floor to another. The  
floors are close carpeted, the  
carpets being laid on plywood  
panels which are supported on  
battens to allow for a grid  
of telephone and electrical ser-  
vices. Walls of lift lobbies are  
panelled in vertically ribbed  
teak and external walls in a  
most attractive American  
cherry.

The ceiling treatment is most  
successful. The aim was to pro-  
vide a high standard of glare-  
free illumination with easy  
access to light fittings, the  
air conditioning system and  
other services, combined with  
the creation of good acoustic  
conditions. Ceiling lighting  
troughs therefore comprise deep  
rectangular compartments which  
have the effect of breaking  
down an otherwise monotonous  
ceiling area.

The shell of the building was  
designed for insulation against  
changes in the outside tempera-  
ture. Windows were conse-  
quently kept to a minimum  
which accounts for their un-  
usually important place in the  
pattern of the exterior. They  
are narrow and of full floor  
height with wide splayed reveals  
giving the impression of greater  
size. Their height enables  
them to be seen from a distance  
across desk tops and filing  
cabinets.

An exception to the high and  
narrow windows occurs in the  
coffee areas on each office  
floor where a larger "picture"  
window is provided framing  
the fine views across the  
Mersey and towards the Welsh  
mountains.

Most of the heat requirement  
is represented as a by-product  
of the occupation. Heat from  
the lighting system and the  
computer complex is drawn off  
through lighting fittings into the  
return air duct of the air-con-  
ditioning system, then conveyed  
to large condensers where the  
excess heat is either dissipated  
by cooling water, or stored for  
re-use as domestic hot water.

The cooling water is drawn  
from the water that continually  
filters through the walls of the  
Mersey Rail Tunnel and which  
formerly was pumped straight  
back into the Mersey.

The total energy requirement  
of the building is enormous. In  
the event of a major power  
failure in the Merseyside elec-  
trical network, however, reserve  
generators would come into  
operation.

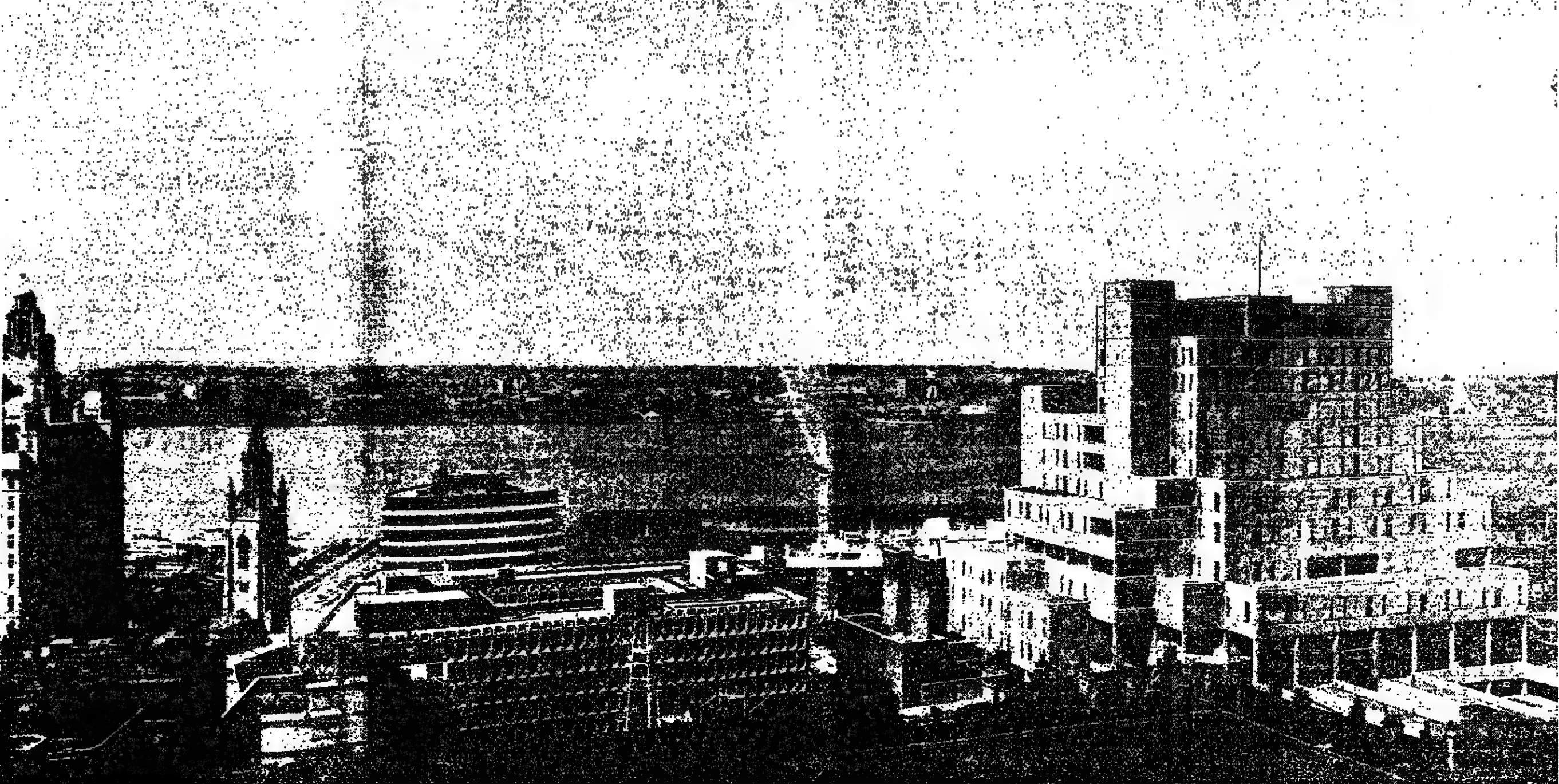
These would generate suffi-  
cient power to maintain  
mechanical air movement and  
emergency lighting throughout  
the building and to ensure that  
particularly vulnerable areas of  
operation, such as the computer  
complex, would continue to  
function.

That the high quality asked  
for by the client has been  
achieved is evident in every part  
of this handsome building.

### DESIGN AND CONSTRUCTION

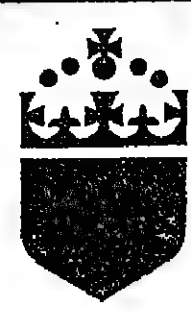
- Architects:  
Tripe and Wakeham.
- Structural Engineers:  
Bingham Blades and Partners.
- Services Engineers:  
W. S. Atkins and Partners.
- Quantity Surveyors:  
Mercer and Miller.
- Contractor:  
Tyson-Haden Young.

## Building for today-and tomorrow



New Hall Place in Old Hall Street,  
Liverpool, is the new U.K. Head Office of  
Royal Insurance.  
It is one of the most modern-office  
structures in Europe, 266ft. and 17 storeys tall,  
with over half a million square feet of open  
floor working space, including a 28,000 square  
feet computer complex in continual direct

communication with Branches countrywide.  
This new building is the nerve-centre of a  
network of 250 offices providing insurance  
protection and advice throughout the U.K.  
With a reputation for unrivalled security  
and fair dealing over 131 years, our clients -  
Brokers, Industrialists and every sector of  
society - can be assured...



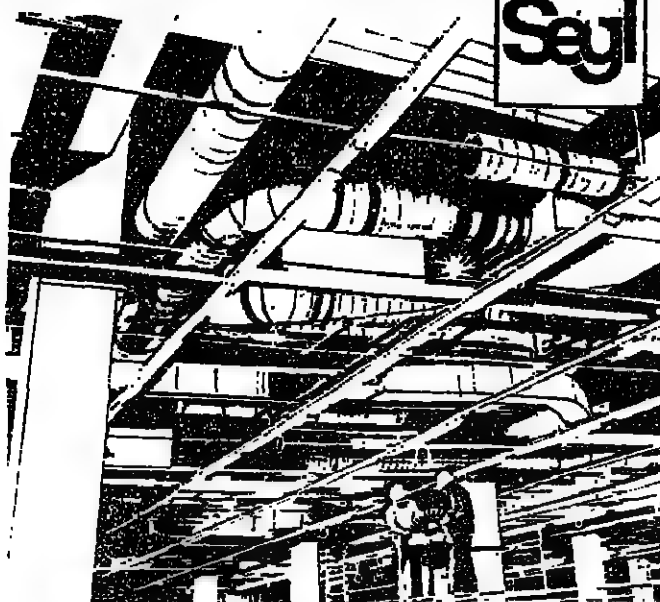
**Royal Insurance**  
looks after you. Fast



## 35 miles of breathing space

Only Hargreaves of Bury—Britain's biggest ductwork contractors—had the technical expertise and vast resources to fulfil the air conditioning contract for the Royal Insurance Company's new Head Office at Liverpool. Involving 35 miles of ductwork weighing 615 tons the system provides a minimum of 8 air changes every hour with 20 in the computer suite and will ensure ideal working conditions throughout the building.

Mechanical Services Contractor—Haden Young Ltd.



### AIR HANDLING AND PLASTICS DIVISION

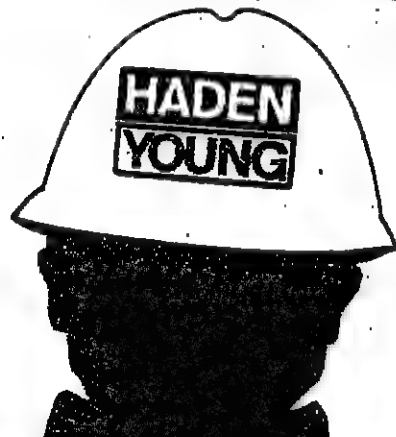
Ductwork Henry Hargreaves & Sons Ltd., Bury  
Air conditioning equipment Ozmar Engineering Co. Ltd., Maidstone  
Plastics fabrication Plastics Design & Engineering Ltd., St. Helens

### HARGREAVES

BRITAIN'S BIGGEST DUCTWORK CONTRACTOR

Henry Hargreaves & Sons Ltd., Lord Street, Bury, Lancashire BL9 0RG  
Telephone: 061-764 5082 (10 lines). Grams: 'Fresh Air'

## HEAD AND SHOULDERS ABOVE THE REST



Haden Young, joint main contractors with Tysons (Contractors) Limited, are proud to have been associated with the provision of M & E services at the Royal Insurance's new UK headquarters, Liverpool. Haden Young, incidentally, are the largest and most experienced building, industrial process engineering services company in Europe.



Haden Young Ltd.  
7-12 Tavistock Square  
London, WC1H 9LZ

a member of the Haden Carrier Group

### Crossley Carpets

When the Royal Insurance Company wanted to carpet their new head office, who did they choose? Crossley Carpets. After all, a company like theirs doesn't want to take a risk. They want that guarantee of quality that comes from people who have carpeted the world—Crossley Carpets. John Crossley & Sons Ltd., Dean Clough Mills Halifax Yr 15.

## Heal's—where appearances count for complete contract furnishing and interiors.

The Royal Insurance demanded the highest degree of professional craftsmanship. So does your project. Post the coupon now—we'll mail you full details of our comprehensive service.

To Heal's Contracts, 196 Tottenham Court Road, London W1A 1BJ, 01-636 3999.

Name \_\_\_\_\_

Position \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

HEAL'S CONTRACTS

## MERSEYSIDE DEVELOPMENT II



Aerial view showing (right foreground) the Liver Building and (left centre) the Royal Insurance HQ and its neighbour the Liverpool Daily Post and Echo. (Photo: John Mills Photography Ltd.)

## Virtues of office design to order

SPECULATIVE office development has rightly been blamed for some of the worst architecture Britain has produced since the war. It is quite possible to produce handsome exteriors without knowing who will tenant a building, and it is sometimes possible to produce a working environment within which will serve the needs of a particular business. Too often, though, the lowest common denominator approach of developers has produced offensive exteriors and working conditions within which have rapidly deteriorated and lacked flexibility.

In the last decade, whatever other abuse has been heaped on their heads, some speculative developers have made genuine efforts to improve the quality of their product. In part, this is because tenants have begun to show that, apart from the boom periods of acute shortage of space, they are prepared to discriminate and, with a growing sophistication of clerical work systems, are prepared to pay premium rents for intelligently shaped interiors. In part, the improvements stem from institutions adopting more rigorous investment criteria. In part, the improvements stem from the odd developer who, expecting anyway to make large profits, was prepared to sacrifice something financially in order to own something he was proud of.

But the British habit of leasing rather than owning buildings, coupled with the unusually dominant powers which landlords have built up in the length and conditions of tenancies, mean that the problems will remain. For the most part it is only the largest and wealthiest industrial or commercial groups which design and build offices to their own requirements and even then they are likely to regard the capital tied up in such projects as better used for their direct business, so that they pass the buildings on to institutions in sale and leaseback deals.

It is possible, at present, that because of a lowering in property values and because of increased worries about the inflationary trend of rates as well as rents in the long term, that the balance is swinging back slightly towards owner occupation. But it would represent a major shift in financial thinking if this were to last long. British business is likely to remain a rent paying community. To take the most office area of the country, the City of London, about 85 per cent. of its 500,000 square feet of offices is subject to tenancies.

The major exceptions to the rule come where the business itself is an investing institution. The prime example is the insurance industry and Britain is littered with monuments to a spirit of designing buildings for the companies' and societies' own use, for their own advertisement, and to provide the assets which back the policies they sell.

The life companies and the composites have played their part in this and, although from the earliest days the insurers must have had a more finely developed sense of caution and of sound property finance than most clients, they also appear to have had a greater sense of patronage. There is a style about the major insurance office buildings, whether one likes the treatment or not, which is seldom found in a speculative development. The

supposed primeness and conformity of insurance chiefs has often been belied by the grandeur which they encouraged their architects to effect. To-day, the more Gothic follies of previous generations, or whatever their modern equivalent might be, are out of tune with both the motivation and method of modern business. Proportion, not decoration, is the architectural key (to be appreciated in the view of this building from across the Mersey, or as its pyramid builds up massively above Burnford Place). And these proportions are directly governed by the use of the building.

What the Royal needed when it decided on this new headquarters building in the mid-1960s was an administrative centre of a world business which operates in 85 countries, employs more than 22,000 people and writes policies in 17 different languages. It is a communications and management centre and from very early on the scheme the administrative structure of the company began to influence the shape the buildings had to take. If administrative needs were likely to remain static, it might have developed as a very different structure. But insurance, as much as any commercial exercise, mirrors society, and society has a habit of changing faster than any forward planning can allow for. The Royal's share of the world's marine insurance market might radically change in a few years in comparison with its aviation or its motor business. Its life and pensions side might be dramatically altered by government legislation. Overall growth, or the balance of growth between one department and another is not something that can be forecast a decade ahead, and it is only a little easier to forecast what changes in business systems, which entirely alter space requirements, will take place in the same period.

The flexibility which natural daylight allows in office design is limited. When it comes to an administrative complex as large as this, in which individual departments may employ several hundred people, that limitation

becomes crucial. Flexibility to allow expansion and contraction of different work groups, and at the same time the need for large departments with ease of communication, are requirements it is hard to match by natural daylight which provides adequate light only 15 feet or 30 feet into a building if the highest standards are being imposed.

To meet acceptable levels in most multi-storey office blocks built since the war, a relationship between room depth, window size and ceiling height was established. The cheap capital cost of external finishes and the maximising of room depths led to larger glazed areas to achieve the right amount of daylight. The results have too often been a low level of thermal insulation in winter and too much solar heat gain in summer. Glare and sunlight are other complaints and over much of the rest of the year natural daylight is of a low quality.

### Apparent

One can quickly appreciate how the administrative needs of large flexible areas of space do not marry with a reliance on natural sunlight and in this building, from a very early stage in the project, the need for a "deep open plan" system became apparent, linked with the ability to create a controlled environment.

What the ingenuity of the architects and the most modern technology have created is a building whose "stepped pyramid of irregular profile" mirrors the administrative structure of headquarters staff.

Thus the design of the main phase of the building is based on the broad organisational pattern, that is management, administration, underwriting and servicing. Those areas which form the services for the predominantly office areas, such as archival filing, car parking, stationery storage and maintenance, are sited at lower levels, close to service access and where heavy loadings are more easily accommodated.

The largest and most heavily populated office floors—life, management services, under-

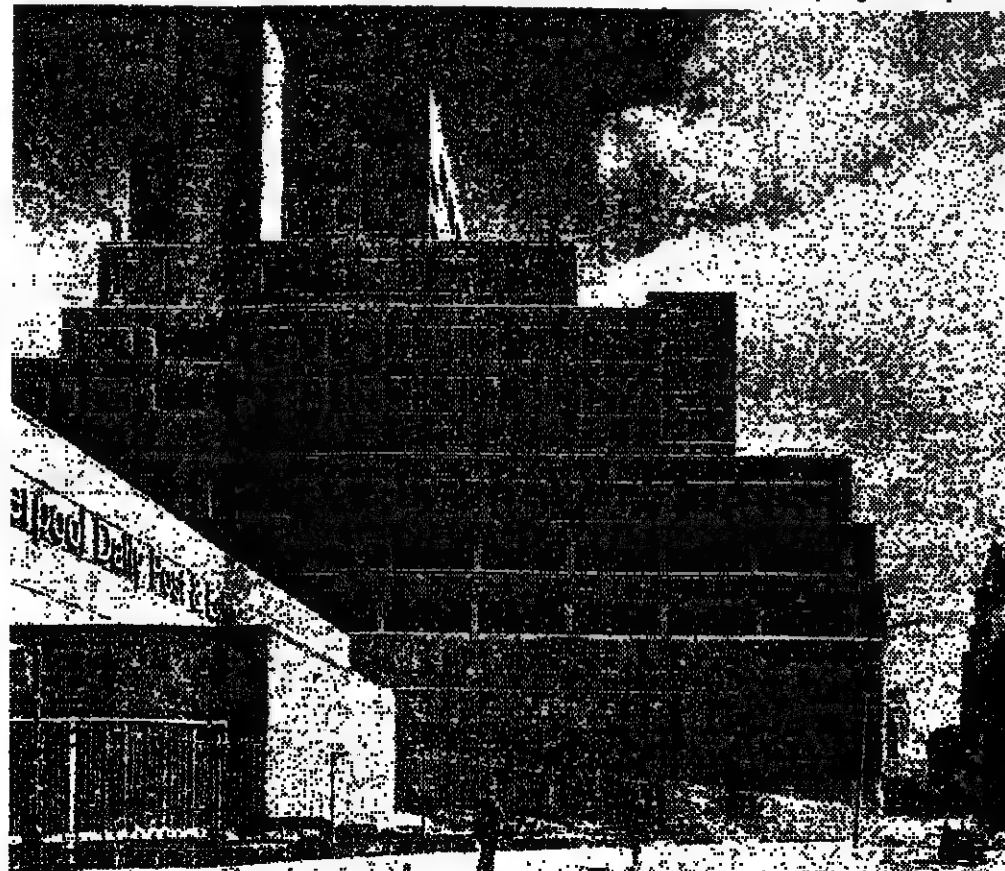
writing and marketing—are grouped in such a way that the vertical circulation is kept to a minimum. General management, on the other hand, with relatively small floor area requirements, is placed nearer the top of the building; and administration departments likely to have most day-to-day contact with management are placed immediately below.

Dining and recreational facilities requiring larger floor areas and with a large movement of staff, are placed close to service and access.

In working, over the last ten years, to see just what its space requirements were, and in allowing for the fact that they are constantly changing in pattern, the Royal has probably learned a great deal about itself. Those involved say that asking basic questions about space requirements, and querying items which have grown up over the years and may have been influenced by particular physical confines, has been like a spring clean for the mind. The ambition of those responsible, to improve working conditions and efficiency, will now have to maintain, for the very purpose of designing a building like this is that processes can be continually changed and that within the inflexible shell of the structure, there is continuing flexibility in the use of its interior.

This is the challenge which modern architects try to solve and which office administrators, if they are lucky enough to have a suitable building, continue to grapple with. The resources of the Royal, in a long tradition of insurance companies encouraging thoughtful and ambitious architecture, have been thrown behind a scheme which will doubtless provide many lessons for the future if we are to succeed in allaying the complexities of modern business methods with better working conditions for staff. It is only when such a project is tackled from the start by the people who will inhabit the building that the best results can be obtained.

Quentin Guirham  
Property Correspondent



View showing the very tidy and well-knit concrete panelling and the interesting interior pattern.

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## MERSEYSIDE DEVELOPMENT III

# Old Hall Street in new guise

**INSURANCE** started a writing fire and life in 1 Old Hall Street, the old office of the Royal Insurance Co. Ltd. in 1945. Princess Louise, who was then a young girl, went to almost greater determination; the ne spot to-day to open docks, operating on a scale re- w headquarters of a duced from the great days. Have with total assets of now started to pick up, rather one of the largest com- than loss trade; and the insurance groups in the strengths of Liverpool as a and one of Britain's 20 commercial centre are perhaps commercial and indus- appreciated more than ever now as management decisions on the location of offices take greater account of costs, labour resources and government en- couragement.

That the new Royal Insurance headquarters is back near Old Hall Street is a result of chance rather than sentiment. The old warehouses round the area (actually the original No. 1 was not quite on the present site) represented the only available space large enough, and in a suitable location, for a project which was to be big enough to take in staff who had spilled out into 11 different Liverpool offices.

The main administrative centres of the group have usually been in Liverpool throughout its history, which is natural enough since beside the Royal connection, the major merger's in the company's history have been with the Liverpool London and Globe in 1919 and with the London and Lancashire in 1961. But the new headquarters has also meant some centralising of activities, such as records offices coming back from Cheltenham and from London, and all the head office activities have now moved back from London to Liverpool. The twin heart of the company system, however, remains in Liverpool's used to be the senior Board with London in a secondary role. Then, mainly because of the problems is evident.

Three points can be made which may reflect on the future: the social problems are being recog- nised as major and tackled with determination; the ne spot to-day to open docks, operating on a scale re- w headquarters of a duced from the great days. Have with total assets of now started to pick up, rather one of the largest com- than loss trade; and the insurance groups in the strengths of Liverpool as a and one of Britain's 20 commercial centre are perhaps commercial and indus- appreciated more than ever now as management decisions on the location of offices take greater account of costs, labour resources and government en- couragement.

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### Escalated

Over such a period costs have inevitably escalated to some- thing over £15m. That should not depress those responsible for the decision to build un- duly, for the arithmetic which underlined their thinking has if anything gone even more in Liverpool's favour over the intervening period. Prime cost sites were perhaps some 40 times greater in London than Liverpool. Building costs have escalated faster in the capital. And while London's communica- tions and transport have prob- ably declined over the last decade, Liverpool's has im- proved, while staff recruitment is unquestionably easier and cheaper. In terms of general timing, to start the whole project to-day in Liverpool would double costs.

Where the precise location in Liverpool has been proved a

choice is understood easily enough by walking north from Castle Street. The com- mercial centre of the city has moved in this direction, with the major proportion of modern office accommodation now found there. Among the significant new developments or refurbish- ments are Richmond House (where J. Bibby is head- quartered), Littlewoods' JM Centre, the Tithebarn Street blocks, the Atlantic Tower Hotel, Silk House Court, Exchange Buildings and the Cotton Exchange.

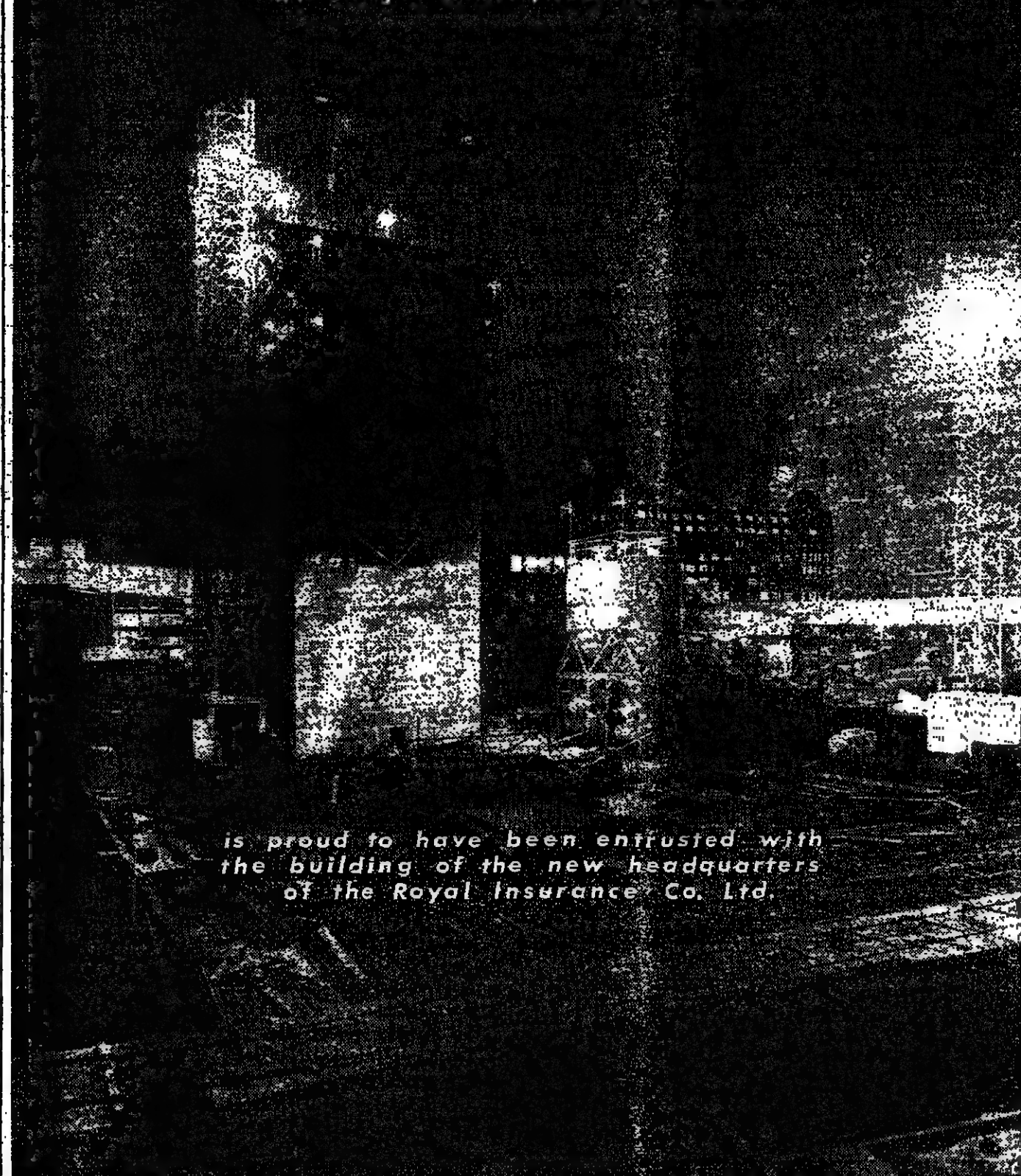
Apart from the short-term tenancies which the Royal has taken in Liverpool to tide it over while the headquarters was planned and built, it will be vacating three familiar offices. A refurbished Queens Insurance Buildings will be offered on the letting market; 1 Dale Street, the old Liverpool London and Globe headquarters, will be either refurbished or sold; and the former London and Lancashire headquarters, 45 Dale Street, is being sold to Liver- pool Corporation.

The scale of the new head- quarters of course dwarfs all these. It also represents a quite different philosophy of architecture, one which starts with the needs of the people who work there and uses the structure of the building as an envelope to enclose a controlled and highly flexible environment within. The height, however, with the pyramid rising 290 feet, has been kept in proportion with that of the other imposing buildings which stretch back from the Mersey. The Royal, long very much a part of Liver- pool's commercial life and one of Britain's key international groups, has returned in style to the place where it started.

Q.G.

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## Working environment

ing for an headquarters ing will heat itself with an ex- ternal temperature just below freezing.

To re-distribute the heat there is a fully ducted flow and return air system which, in addition to re-circulating air from within the building draws in fresh air from outside. The surplus heat being rejected is subject to a novel cooling process which in- volves using sewage water from the Mersey Rail Tunnel as a coolant to absorb the excess heat generated in the refrigera- tion condensers. The Mersey water used was previously pumped back into the river as waste at a rate of 3,000 gallons a minute.

The highly elaborate heat exchange system and the many miles of pipes and ducts, the many fans and motors, air hand- ling plants, sensors and heating batteries, are all scanned on an electronic data monitoring system at the heart of the build- ing.

The building's controller can check temperatures and humidity in any area. The con- trol system can be programmed to start up or close down plant about the year. In practice count the inside and outside air cool, for the thermal temperatures, switch lighting on or off and reduce it for periods

of cleansing and maintenance. Perhaps more important, the system constantly monitors the security of the building and its safety.

The safety factors include, for fire, wet and dry type pre-act sprinkler systems and gas flood- ing systems in the computer suites, with smoke detectors in the open offices.

It is the very openness of the offices through the building's floor area of over 500,000 sq ft, which has perhaps given the working staff most pause for thought. Deep open planning is, for many, the start of a quite new experience. It has also, of course, been the subject of long discussion among the planners of the headquarters project, indeed the necessity for the flexibility which such floor areas allowed, plus regular contact between staff of large depart- ments was central to the basic design principles of the build- ing.

Work flow patterns, individual space needs, environmental re- quirements and service facilities had to be integrated and trans- lated into departmental sizes and floor areas. But within such re- quirements, the difficulty is to create adequate privacy.

The use of subjective space and a work station concept have produced something which the planners hope combines both the advantages of open plan in terms of better environment and better communications with col- leagues, and yet has not lost the privacy necessary for ease of mind and for concentration.

What makes this possible is, beside the informality to allow for individual needs, the pro- vision of really attractive, though integrated, systems of screens, carpets, plans etc., coupled with similarly integrated but flexible furniture.

This is expensive, normally well outstripping equivalent costs in a conventional office. But then it has to be looked at against the costs of engineering the periodic changes which any conventional office has to go through as its users' needs change—the partitioning and electrical and mechanical works

often involved, almost all of them removed in an open plan concept.

Perhaps more basically, such costs have to be weighed against the whole point of trying to design the optimum building for a particular organisation. The final product should be an environment which improves efficiency, with its occupants achieving maximum output with minimum personal stress. Against the cost of the wages of those occupants, and the pos- sible gains in efficiency, the costs of fairly luxury fittings become, if the scheme has been a success, almost irrelevant.

Within a building where win- dows are not used for light, but only to maintain a visual link with the outside world, that link is maintained by circula- tion paths around the perimeter of each floor providing access to the full height windows and their views across the city and the river. To provide a change from the workspaces, each floor contains amenity areas for rest and for refreshment and in these areas contrasting colours are used.

Among the many interesting engineering concepts included are the system of escalator access to the largest floors in addition to the central lift core; a telecommunications system connected to the group's branches; a centralised dicta- tion system; and a system of background masking noise called "white sound" which can be adjusted to meet varying degrees of confidentiality.

Much of detail of the interior will doubtless change over the life of this building. The point of creating a deep open plan system within a controlled environment is largely to allow for changing needs and changing systems of work. But as of to- day, once any teething-troubles are ironed out, it represents one of the country's most imaginative, as well as largest, attempts to improve conditions for office workers.

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# COMMODITIES AND RAW MATERIALS

## Middle East K. broilers

Peter Bullen

FACTS FOR the export of British broilers to the Middle East were taken up in London yesterday.

Bill Eastwood, chairman of the British Poultry Export, a company of a dozen leading broiler companies, which had the deal, said it brought export orders from the East for this year to 1980 worth £1.5m.

He said the U.K. had self-sufficient in poultry supplies and with output per hen running at 10 to 12 higher than in 1976 the export would take up a valuable 51 per cent. The rest of increased output would be taken up by increased domestic consumption.

£5m. orders cover the 100,000 broilers to most of Eastern countries where demand is rising rapidly in line with standards of living.

Mr. Eastwood, as pork was fed for religious reasons and lamb very expensive, was the natural beneficiary of this demand he added.

## Platinum ice rise

Our Commodities Editor

SE in the world price of platinum, from \$150 to \$170 a ounce, was announced yesterday by the International Platinum Association.

It means that its price will be 35 above the amount set by the major producer, South Africa, which raised its price to \$166 an ounce about 10 days ago.

Instead of following Russia's lead immediately, the International Platinum Association has decided to wait until more substantial increases have been made. It has been urged to go ahead to the level, by the firmness in the market which is now at over \$180 an ounce in sterling terms yesterday.

It is the first time since early 1974, when the International Platinum Association was set up, that the price has risen.

Par Reuter, told Reuters yesterday that the price was not about to make any more on price, at the moment, but would naturally rise if the situation grew.

## IGGER TAIWAN ICE CROP

TAIPEI, July 6

Dwan's first rice crop this year will total 1.37m. tonnes, 10 tonnes more than in the period last year, the local news agency said here.

## Australia increases wool 'floor' price by 14%

Peter Bullen

THE AUSTRALIAN Government announced yesterday that the "floor" price for Australian wool yesterday which will put it up by an average 14 per cent.

Until now the Australian Wool Corporation's floor price for 21 micron grade wool was 250 cents a kilo. But for the next two seasons it will not fall below 285 cents in order to provide long term stability for the industry, Mr. Malcolm Fraser, the Australian Prime Minister, said.

However, as the AWC explained, the floor price will in future be based on the average price of clean wool instead of the 21 micron grade. The new average floor price will be about 234 cents a kilo compared with 208 cents in the two seasons running from 1976 to 1978, and the strengthening demand for wool all points to great enhanced prospects for stability in the wool industry.

Some leading producers have called for increases of at least 20 per cent, but the AWC itself had pointed out that the old price was worth little more in real terms than that of 1970-71 when many wool growers quit the industry.

However, some countries, particularly the United States, have warned the Australian Government of the danger of raising the floor price too high. Only last month, the International Wool Textile Organisation said it was more than a "symbolic" increase.

A new indicator will be used calculated daily as an average from quotations on a wide range of types representing the clip composition.

The AWC welcomed the new floor price. Reuter reported from Melbourne. "It is very pleasing that the Commonwealth Government has shown in such a positive way its confidence in the operation of the floor price for Australian wool," said Mr. Malcolm Fraser.

"The increase in the floor price for 1977-78, the guarantee of at least that level continuing throughout 1977-1978, and the strengthening demand for wool all point to great enhanced prospects for stability in the wool industry."

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## General rise in metal prices

By John Edwards, Commodities Editor

THERE WAS a general rise in metal prices on the London Metal Exchange yesterday, as buying pressure built up despite the fact that the market was more than sufficient to offset some profit-taking.

Tin prices reached new all-time peaks again with the cash price closing at \$4.97 a tonne. However, the rise in the market was reversed following an announcement by the International Tin Council that the suspension of the buffer stock activities has been lifted, and the manager authorised to operate at his discretion to stabilise prices.

It is not thought that the buffer stock intervention yesterday. But that renewed selling to dampen down prices could emerge again if the market continued to rise.

Whether or not the buffer stock has sufficient resources to stop a further determined rise in the market, open to question. But at least the manager is no longer committed to sell out at the "ceiling" price and ease the pressure.

Copper prices also rose to a new high level for the first time in 10 years. Cash wirebars gained \$12 to \$280.5 a tonne by the close and moved further ahead on the late hour following the trend in the New York market, when it reached a new high of \$285.00.

The biggest rise in percentage terms, however, was in lead where values were up sharply. Cash lead gained \$12.85 to \$288.95 a tonne. Generally this was attributed to the underlying "bullish" sentiment in the metal markets, but it is believed the upward trend is also being helped by recent sales of lead to the Soviet Union.

At the same time the rise in lead prices was influenced by the gains in copper and zinc. Cash zinc rose by a further \$5.5 to \$438 a tonne, on continued expectations of an imminent increase in the U.S. producer price.

Reuter reported from Tokyo that a major Japanese copper smelter said plans were now under study to invite the London Metal Exchange to set up an authorised warehouse in Tokyo so Japanese smelters and users could hedge more quickly.

Yoshitomo Kato, president of Mitsui Bussan Kaisha, said in addition, plans were being studied for the feasibility of opening an international metal exchange, similar to the LME and the New York Commodity Exchange, in co-operation with countries in the Pacific basin.

## Sugar leads commodity price rise

By Richard Mooney

SUGAR PRICES on the London terminal market reached new 11-month peaks yesterday as part of a general rise in soft (non-sugar) commodity values was included, cocoa, rubber and soyabean.

The sugar market's advance was attributed by dealers to Commission House buying encouraged by the continuing dry weather in Europe. It was also suggested that the CBI forecast of a new commodity boom on Monday may have added fuel to the speculative interest.

The October position closed at \$54.75 a tonne, up from \$54.25 a tonne after reaching \$51.10 on 11th June.

Meanwhile, unconfirmed reports circulating in London had sold 40,000 tonnes of raw sugar to a New York dealer overnight. This is in addition to the 10,000 tonnes sold over the week-end and would leave a balance of around 100,000 tonnes available for sale. More fundamental news came with the announcement that Peru had cut its 1978 sugar production target to 2,000,000 tonnes from 2.2m.

Trading on the cocoa market was relatively quiet with the September position ending \$10 up at \$1,242.5 a tonne. But permissible limit rises were seen in rubber and soyabean meal futures.

Rubber dealers put the rise down to higher levels traded in the East coupled with the general "bull" sentiment in commodities. September rubber futures gained \$1.75 to \$54.75 a kilo while on the physical market the spot price went up 2p to 50.5p a kilo. The upsurge in soyabean meal futures was attributed to expectations of a higher price opening in Chicago while Soviet buying interest continued to boost sentiment.

Coffee futures also gained ground early in the day with the September quotation rising \$1.62 at one stage. By the close, however, the price had fallen to \$1,396.5 a tonne, down 25p on the day.

## U.K. potato shortage fear

By Our Commodities Staff

UNLESS it rains in the next 10 days, Britain could face another potato shortage, a farming expert warned yesterday.

The crop is at a critical stage, said Mr. Albert Davies, Chief Agricultural Officer of the Ministry of Agriculture's Development and Advisory Service.

## FT COMMODITIES CONFERENCE

# No sudden price boom expected

By Andrew Taylor

THE GOVERNMENT yesterday denied that it had adopted a fixed percentage limit to non-trade speculation in commodity markets. Mr. Robert MacLennan, Under Secretary of State for the Department of Prices and Consumer Protection, said a report to this effect was "totally unfounded."

He was speaking on the first day of the "Outlook for Commodities Conference," sponsored by the Financial Times and the Investors Chronicle, at the Royal Lancaster Hotel in London.

Mr. MacLennan said that the Bank of England had been developing systems of data collection and analysis which gave the market authorities a clear, more rapid, understanding of what was happening to different commodities; but where speculative action was distorting prices—as recently in the case of zinc—it was only the market authorities that could take direct action.

He said, however, that there was a new speculative element which regarded certain commodities as stores of value—in the same way that gold was regarded. This element should not be confused with the more traditional role of speculators in commodity futures who played an essential part in stabilising prices and ensuring the successful functioning of the market.

Referring to the traditional boom-bust cycle of commodity prices, MacLennan said it was in the interests of both developed and developing nations to ensure greater price stability.

"The British position is clear and consistent," he said. "We are ready to give our support to any measures which would help to stabilise commodity prices, but we must not lose sight of the fact that commodity agreements, designed to facilitate the orderly conduct and development of trade, but we recognise the difficulty of finding a solution which is essentially practical case-by-case approach has, mistakenly, been interpreted by some critics as of existing stocks, but the jump may be sharper around the early 1980s, because little investment has taken place in opening up new mines, which involve a considerable time lag," he said.

Mr. N. Bosanquet, a research director for the Commodity Research Unit, speaking about the prospects for copper, said that although in some countries—namely Japan and in the United States—stocks had begun to reduce, world stocks were still running at well above 1.6m. tonnes. He estimated that copper prices would not rise much further this year reaching a ceiling of around 75 cents a lb.

"We expect some further rises in the first quarter of 1977, with no major increases in 1978," said Mr. Bosanquet.

He warned, however, that prices in Britain could be higher than elsewhere, depending upon the depreciation of sterling.

Dr. Walter Selig, director-general of Metallgesellschaft AG, told the conference that it would be highly difficult to stabilise copper and aluminium prices in the future by financing a buffer stock as has been done with tin.

He said that he did not envisage any such boom taking place for at least 18 months to two years. The evidence was that industrial recovery which took place during the first three months of the year was now slowing down. Production capacity in producer countries was still running well behind demand from industrialised nations.

Senator Roberto de Oliveira Campos, the Brazilian Ambassador to Britain, told the conference that he expected a cautious boom—as reflected in the spirit of the recent Puerto Rico summit—rather than a bumper boom.

"In minerals the improvement may be delayed because of drought has produced is likely to take the form of leaving out certain key figures in the plans, such as the size of the producer's output. These would be filled in some time during the autumn when the drought will presumably be over. In any case, they would be subject to amendment by the EEC's Agricultural Ministers."

## Key EEC meeting on milk tax plans

By Robin Reeves

THE COMMON MARKET'S 13-nation Executive Commission is due to decide tomorrow whether to press ahead with plans for curbing the EEC's perennial dairy surpluses by taxing milk producers.

In spite of the deepening drought in many parts of the

## COMMODITY MARKET REPORTS AND PRICES

### BASE METALS

Commodity	Unit	Price	Change
Copper	lb	1.02	+0.01
Aluminium	lb	0.03	+0.00
Zinc	lb	0.04	+0.00
Lead	lb	0.05	+0.00
Nickel	lb	0.08	+0.00
Gold	oz	100	+0.00
Silver	oz	100	+0.00

### SILVER

Commodity	Unit	Price	Change
Silver	oz	100	+0.00
Silver	oz	100	+0.00
Silver	oz	100	+0.00

### PRICE CHANGES

Commodity	Unit	Price	Change
Copper	lb	1.02	+0.01
Aluminium	lb	0.03	+0.00
Zinc	lb	0.04	+0.00
Lead	lb	0.05	+0.00
Nickel	lb	0.08	+0.00
Gold	oz	100	+0.00
Silver	oz	100	+0.00

### COCAOA

Commodity	Unit	Price	Change
Cocoa	lb	1.00	+0.01
Cocoa	lb	1.00	+0.01
Cocoa	lb	1.00	+0.01

### COCAOA

Commodity	Unit	Price	Change
Cocoa	lb	1.00	+0.01
Cocoa	lb	1.00	+0.01
Cocoa	lb	1.00	+0.01

### GRAINS

Commodity	Unit	Price	Change
Wheat	lb	0.05	+0.00
Barley	lb	0.04	+0.00
Oats	lb	0.03	+0.00

### RUBBER

Commodity	Unit	Price	Change
Rubber	lb	0.05	+0.00
Rubber	lb	0.05	+0.00
Rubber	lb	0.05	+0.00

### RUBBER

Commodity	Unit	Price	Change
Rubber	lb	0.05	+0.00
Rubber	lb	0.05	+0.00
Rubber	lb	0.05	+0.00

### MEAT

Commodity	Unit	Price	Change
Beef	lb	0.05	+0.00
Pork	lb	0.04	+0.00
Lamb	lb	0.03	+0.00

### SOYABEAN MEAL

Commodity	Unit	Price	Change
Soyabean meal	lb	0.05	+0.00
Soyabean meal	lb	0.05	+0.00
Soyabean meal	lb	0.05	+0.00

### SOYABEAN MEAL

Commodity	Unit	Price	Change
Soyabean meal	lb	0.05	+0.00
Soyabean meal	lb	0.05	+0.00
Soyabean meal	lb	0.05	+0.00

### MEAT

Commodity	Unit	Price	Change
Beef	lb	0.05	+0.00
Pork	lb	0.04	+0.00
Lamb	lb	0.03	+0.00

### COFFEE

Commodity	Unit	Price	Change
Coffee	lb	0.05	+0.00
Coffee	lb	0.05	+0.00
Coffee	lb	0.05	+0.00

### COFFEE

Commodity	Unit	Price	Change
Coffee	lb	0.05	+0.00
Coffee	lb	0.05	+0.00
Coffee	lb	0.05	+0.00

### MEAT

Commodity	Unit	Price	Change
Beef	lb	0.05	+0.00
Pork	lb	0.04	+0.00
Lamb	lb	0.03	+0.00

### COFFEE

Commodity	Unit	Price	Change
Coffee	lb	0.05	+0.00
Coffee	lb	0.05	+0.00
Coffee	lb	0.05	+0.00

### COFFEE

Commodity	Unit	Price	Change
Coffee	lb	0.05	+0.00
Coffee	lb	0.05	+0.00
Coffee	lb	0.05	+0.00

### MEAT

Commodity	Unit	Price	Change
Beef	lb	0.05	+0.00
Pork	lb	0.04	+0.00
Lamb	lb	0.03	+0.00

### COFFEE

Commodity	Unit	Price	Change
Coffee	lb	0.05	+0.00
Coffee	lb	0.05	+0.00
Coffee	lb	0.05	+0.00

### COFFEE

Commodity	Unit	Price	Change
Coffee	lb	0.05	+0.00
Coffee	lb	0.05	+0.00
Coffee	lb	0.05	+0.00

### MEAT

Commodity	Unit	Price	Change
Beef	lb	0.05	+0.00
Pork	lb	0.04	+0.00
Lamb	lb	0.03	+0.00



# Leaders encounter profit-taking after early mark up

## Share index down 2.2 at 390.3 — Reaction in Oils

[illegible]















